Tai Tham
Range: 1A20–1AAF

This file contains an excerpt from the character code tables and list of character names for The Unicode Standard, Version 12.0

This file may be changed at any time without notice to reflect errata or other updates to the Unicode Standard. See http://www.unicode.org/errata/ for an up-to-date list of errata.

See http://www.unicode.org/charts/ for access to a complete list of the latest character code charts. See http://www.unicode.org/charts/PDF/Unicode-12.0/ for charts showing only the characters added in Unicode 12.0. See http://www.unicode.org/Public/12.0.0/charts/ for a complete archived file of character code charts for Unicode 12.0.

Disclaimer
These charts are provided as the online reference to the character contents of the Unicode Standard, Version 12.0 but do not provide all the information needed to fully support individual scripts using the Unicode Standard. For a complete understanding of the use of the characters contained in this file, please consult the appropriate sections of The Unicode Standard, Version 12.0, online at http://www.unicode.org/versions/Unicode12.0.0/, as well as Unicode Standard Annexes #9, #11, #14, #15, #24, #29, #31, #34, #38, #41, #42, #44, #45, and #50, the other Unicode Technical Reports and Standards, and the Unicode Character Database, which are available online.

See http://www.unicode.org/ucd/ and http://www.unicode.org/reports/

A thorough understanding of the information contained in these additional sources is required for a successful implementation.

Fonts
The shapes of the reference glyphs used in these code charts are not prescriptive. Considerable variation is to be expected in actual fonts. The particular fonts used in these charts were provided to the Unicode Consortium by a number of different font designers, who own the rights to the fonts.


Terms of Use
You may freely use these code charts for personal or internal business uses only. You may not incorporate them either wholly or in part into any product or publication, or otherwise distribute them without express written permission from the Unicode Consortium. However, you may provide links to these charts.

The fonts and font data used in production of these code charts may NOT be extracted, or used in any other way in any product or publication, without permission or license granted by the typeface owner(s).

The Unicode Consortium is not liable for errors or omissions in this file or the standard itself. Information on characters added to the Unicode Standard since the publication of the most recent version of the Unicode Standard, as well as on characters currently being considered for addition to the Unicode Standard can be found on the Unicode web site.


Copyright © 1991-2019 Unicode, Inc. All rights reserved.
<table>
<thead>
<tr>
<th>Tai Tham</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>0</td>
<td>1A20 1A30 1A40 1A50 1A60 1A70 1A80 1A90 1AA0</td>
</tr>
<tr>
<td>1</td>
<td>1A21 1A31 1A41 1A51 1A61 1A71 1A81 1A91 1AA1</td>
</tr>
<tr>
<td>2</td>
<td>1A22 1A32 1A42 1A52 1A62 1A72 1A82 1A92 1AA2</td>
</tr>
<tr>
<td>3</td>
<td>1A23 1A33 1A43 1A53 1A63 1A73 1A83 1A93 1AA3</td>
</tr>
<tr>
<td>4</td>
<td>1A24 1A34 1A44 1A54 1A64 1A74 1A84 1A94 1AA4</td>
</tr>
<tr>
<td>5</td>
<td>1A25 1A35 1A45 1A55 1A65 1A75 1A85 1A95 1AA5</td>
</tr>
<tr>
<td>6</td>
<td>1A26 1A36 1A46 1A56 1A66 1A76 1A86 1A96 1AA6</td>
</tr>
<tr>
<td>7</td>
<td>1A27 1A37 1A47 1A57 1A67 1A77 1A87 1A97 1AA7</td>
</tr>
<tr>
<td>8</td>
<td>1A28 1A38 1A48 1A58 1A68 1A78 1A88 1A98 1AA8</td>
</tr>
<tr>
<td>9</td>
<td>1A29 1A39 1A49 1A59 1A69 1A79 1A89 1A99 1AA9</td>
</tr>
<tr>
<td>A</td>
<td>1A2A 1A3A 1A4A 1A5A 1A6A 1A7A 1AA4</td>
</tr>
<tr>
<td>B</td>
<td>1A2B 1A3B 1A4B 1A5B 1A6B 1A7B 1AA8</td>
</tr>
<tr>
<td>C</td>
<td>1A2C 1A3C 1A4C 1A5C 1A6C 1A7C 1AAC</td>
</tr>
<tr>
<td>D</td>
<td>1A2D 1A3D 1A4D 1A5D 1A6D 1A7D 1AAD</td>
</tr>
<tr>
<td>E</td>
<td>1A2E 1A3E 1A4E 1A5E 1A6E 1A7E 1AEE</td>
</tr>
<tr>
<td>F</td>
<td>1A2F 1A3F 1A4F 1A5F 1A6F 1A7F 1AFF</td>
</tr>
</tbody>
</table>

The Unicode Standard 12.0, Copyright © 1991-2019 Unicode, Inc. All rights reserved.
The Tai Tham script is also known as Lanna as well as Old Tai Lue. It is used for the Khuen, Northern Thai, and Tai Lue languages. The glyphs shown in the code chart are in Khuen and Tai Lue style.

Consonants
1A20  ᩓ TAI THAM LETTER HIGH KA
1A21  ᩕ TAI THAM LETTER HIGH KHA
1A22  ᩒ TAI THAM LETTER HIGH IXA
1A23  ᩓ TAI THAM LETTER LOW KA
1A24  ᩕ TAI THAM LETTER LOW KHA
1A25  ᩒ TAI THAM LETTER LOW KHA
1A26  ᩓ TAI THAM LETTER HIGH GA
1A27  ᩕ TAI THAM LETTER HIGH GA
1A28  ᩒ TAI THAM LETTER HIGH GA
1A29  ᩓ TAI THAM LETTER LOW GA
1A2A  ᩕ TAI THAM LETTER LOW GA
1A2B  ᩒ TAI THAM LETTER LOW GA
1A2C  ᩓ TAI THAM LETTER NYA
1A2D  ᩕ TAI THAM LETTER RATA
1A2E  ᩒ TAI THAM LETTER HIGH RATHA
• indicates a glottal consonant
• an alternative glyph with the upper part shaped like 1A33  ᩠ is used in Thailand and Laos
1A2F  ᩔ TAI THAM LETTER DA
1A30  ᩕ TAI THAM LETTER LOW RATHA
1A31  ᩒ TAI THAM LETTER RANA
1A32  ᩓ TAI THAM LETTER HIGH TA
1A33  ᩕ TAI THAM LETTER HIGH THA
1A34  ᩒ TAI THAM LETTER LOW TA
1A35  ᩓ TAI THAM LETTER LOW THA
1A36  ᩕ TAI THAM LETTER NA
1A37  ᩒ TAI THAM LETTER BA
1A38  ᩓ TAI THAM LETTER HIGH PA
1A39  ᩕ TAI THAM LETTER HIGH PHA
1A3A  ᩒ TAI THAM LETTER HIGH FA
1A3B  ᩓ TAI THAM LETTER LOW PA
1A3C  ᩕ TAI THAM LETTER LOW FA
1A3D  ᩒ TAI THAM LETTER LOW PHA
1A3E  ᩓ TAI THAM LETTER MA
1A3F  ᩕ TAI THAM LETTER LOW YA
1A40  ᩒ TAI THAM LETTER HIGH YA
1A41  ᩓ TAI THAM LETTER RA
1A42  ᩕ TAI THAM LETTER RUE
1A43  ᩒ TAI THAM LETTER LA
1A44  ᩓ TAI THAM LETTER LUE
1A45  ᩕ TAI THAM LETTER WA
1A46  ᩒ TAI THAM LETTER HIGH SHA
1A47  ᩓ TAI THAM LETTER HIGH SSA
1A48  ᩕ TAI THAM LETTER HIGH SA
1A49  ᩒ TAI THAM LETTER HIGH HA
1A4A  ᩓ TAI THAM LETTER LLA
1A4B  ᩕ TAI THAM LETTER A
• indicates a glottal consonant
1A4C  ᩒ TAI THAM LETTER LOW HA

Independent vowels
1A4D  ᩓ TAI THAM LETTER I
1A4E  ᩕ TAI THAM LETTER II
1A4F  ᩒ TAI THAM LETTER U
1A50  ᩓ TAI THAM LETTER UU
1A51  ᩕ TAI THAM LETTER EE
1A52  ᩒ TAI THAM LETTER OO
1A53  ᩓ TAI THAM LETTER II
1A54  ᩕ TAI THAM LETTER UU
1A55  ᩛ TAI THAM CONSONANT SIGN MEDIAI RHA
1A56  ᩝ TAI THAM CONSONANT SIGN MEDIAI LA
1A57  ᩞ TAI THAM CONSONANT SIGN LA TANG LAI
1A58  ᩟ TAI THAM CONSONANT SIGN MAI KANG LAI
1A59  ᩠ TAI THAM CONSONANT SIGN FINAL NGA
1A5A  ᩡ TAI THAM CONSONANT SIGN LOW PA
1A5B  ᩢ TAI THAM CONSONANT SIGN HIGH RATHA OR LOW PA
1A5C  ᩣ TAI THAM CONSONANT SIGN MA
1A5D  ᩤ TAI THAM CONSONANT SIGN BA
1A5E  ᩥ TAI THAM CONSONANT SIGN SA
1A59  ᩝ TAI THAM CONSONANT SIGN MAI KANG
1A60  ᩟ TAI THAM SIGN SAKOT

Consonant signs

Dependent vowel signs
1A61  ᩑ TAI THAM VOWEL SIGN A
1A62  ᩒ TAI THAM VOWEL SIGN MAI SAT
1A63  ᩓ TAI THAM VOWEL SIGN AA
1A64  ᩔ TAI THAM VOWEL SIGN TALL AA
1A65  ᩕ TAI THAM VOWEL SIGN A
1A66  ᩖ TAI THAM VOWEL SIGN II
1A67  ᩗ TAI THAM VOWEL SIGN UE
1A68  ᩘ TAI THAM VOWEL SIGN UUE
1A69  ᩙ TAI THAM VOWEL SIGN U
1A6A  ᩚ TAI THAM VOWEL SIGN OO
1A6B  ᩛ TAI THAM VOWEL SIGN O
1A6C  ᩝ TAI THAM VOWEL SIGN OA BELOW
1A6D  ᩞ TAI THAM VOWEL SIGN OY
1A6E  ᩟ TAI THAM VOWEL SIGN E
1A6F  ᩠ TAI THAM VOWEL SIGN AE
1A70  ᩡ TAI THAM VOWEL SIGN O
1A71  ᩢ TAI THAM VOWEL SIGN A
1A72  ᩣ TAI THAM VOWEL SIGN THAM AI
1A73  ᩤ TAI THAM VOWEL SIGN OA ABOVE
1A74  ᩥ TAI THAM SIGN MAI KANG

Tone marks
1A75  ᩑ TAI THAM SIGN TONE-1
1A76  ᩒ TAI THAM SIGN TONE-2
1A77  ᩓ TAI THAM SIGN KHUEN TONE-3
1A78  ᩔ TAI THAM SIGN KHUEN TONE-4
1A79  ᩕ TAI THAM SIGN KHUEN TONE-5

Other marks
1A7A  ᩑ TAI THAM SIGN RA HAAM • indicates following character(s) are not sounded
1A7B  ᩒ TAI THAM SIGN MAI SAM
1A7C  ᩓ TAI THAM SIGN KHUEN-LUE KARAN

Cryptogrammic mark
1A7F  ᩑ TAI THAM COMBINING CRYPTOGRAMMIC DOT

Hora digits
1A80  ᩑ TAI THAM HORA DIGIT ZERO
1A81  ᩒ TAI THAM HORA DIGIT ONE
1A82  ᩓ TAI THAM HORA DIGIT TWO
1A83  ᩔ TAI THAM HORA DIGIT THREE
1A84  ᩕ TAI THAM HORA DIGIT FOUR

The Unicode Standard 12.0, Copyright © 1991-2019 Unicode, Inc. All rights reserved.
1A85  ᫓ TAI THAM HORA DIGIT FIVE
1A86  ᫔ TAI THAM HORA DIGIT SIX
1A87  ᫕ TAI THAM HORA DIGIT SEVEN
1A88  ᫖ TAI THAM HORA DIGIT EIGHT
1A89  ᫗ TAI THAM HORA DIGIT NINE

Tham digits
1A90  ᫟ TAI THAM THAM DIGIT ZERO
1A91  ᫠ TAI THAM THAM DIGIT ONE
1A92  ᫡ TAI THAM THAM DIGIT TWO
1A93  ᫢ TAI THAM THAM DIGIT THREE
1A94  ᫣ TAI THAM THAM DIGIT FOUR
1A95  ᫤ TAI THAM THAM DIGIT FIVE
1A96  ᫥ TAI THAM THAM DIGIT SIX
1A97  ᫦ TAI THAM THAM DIGIT SEVEN
1A98  ᫧ TAI THAM THAM DIGIT EIGHT
1A99  ᫨ TAI THAM THAM DIGIT NINE

Logographs
1AA0  ᫩ TAI THAM SIGN WIANG
• logograph for city
1AA1  ᫪ TAI THAM SIGN WIANGWAAK
• logograph for village
1AA2  ᫫ TAI THAM SIGN SAWAN
• logograph for heaven

Punctuation
These characters are used as dingbats and section starters.
1AA3  ᫬ TAI THAM SIGN KEOW
= courtyard
1AA4  ᫭ TAI THAM SIGN HOY
= oyster
1AA5  ᫮ TAI THAM SIGN DOKMAI
= flower
→ 2055 • flower punctuation mark
1AA6  ᫯ TAI THAM SIGN REVERSED ROTATED RANA

Sign
1AA7  ᫰ TAI THAM SIGN MAI YAMOK
→ 0E46 .AI thai character maiyamok

Punctuation
1AA8  ᫱ TAI THAM SIGN KAAN
• danda
1AA9  ᫲ TAI THAM SIGN KAANKUU
• double danda
1AAA  ᫳ TAI THAM SIGN SATKAAN
1AAB  ᫴ TAI THAM SIGN SATKAANKUU
→ 0E5A .AI thai character angkhankhu
1AAC  ᫵ TAI THAM SIGN HANG
• used in combinations with other punctuation marks at ends of sections
1AAD  ᫶ TAI THAM SIGN CAANG