

## **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 13.0*

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*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-13.0/> for charts showing only the characters added in Unicode 13.0.  
See <http://www.unicode.org/Public/13.0.0/charts/> for a complete archived file of character code charts for Unicode 13.0.

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These charts are provided as the online reference to the character contents of the Unicode Standard, Version 13.0 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 13.0, online at <http://www.unicode.org/versions/Unicode13.0.0/>, 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.

Copying characters from the character code tables or list of character names is not recommended, because for production reasons the PDF files for the code charts cannot guarantee that the correct character codes will always be copied.

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*See <http://www.unicode.org/charts/fonts.html> for a list.*

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*See <http://www.unicode.org/pending/pending.html> and <http://www.unicode.org/alloc/Pipeline.html>.*

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	1A2	1A3	1A4	1A5	1A6	1A7	1A8	1A9	1AA
0	က 1A20	ဆ 1A30	၎ 1A40	၎ 1A50	၎ <sup>+</sup> 1A60	ဝ 1A70	ဝ 1A80	ဝ 1A90	⊕ 1AA0
1	ခ 1A21	ထ 1A31	စ 1A41	ဇ 1A51	့ 1A61	ဲ 1A71	ဝ 1A81	လ 1A91	⊕ 1AA1
2	၎ 1A22	တ 1A32	့ 1A42	၎ 1A52	ံ 1A62	ဲ 1A72	၎ 1A82	၎ 1A92	့ 1AA2
3	ဝ 1A23	ဆ 1A33	လ 1A43	၎ 1A53	့ 1A63	ံ 1A73	၎ 1A83	ယ 1A93	⊕ 1AA3
4	၎ 1A24	ဖ 1A34	့ 1A44	ယ 1A54	ါ 1A64	ံ 1A74	၎ 1A84	ဇ 1A94	⊕ 1AA4
5	ဆ 1A25	ဝ 1A35	ဝ 1A45	၎ 1A55	ံ 1A65	ံ 1A75	၎ 1A85	ဇ 1A95	⊕ 1AA5
6	ခ 1A26	၎ 1A36	ဇ 1A46	့ 1A56	ံ 1A66	ံ 1A76	၎ 1A86	၎ 1A96	၎ 1AA6
7	ဝ 1A27	ဝ 1A37	့ 1A47	့ 1A57	ံ 1A67	ံ 1A77	၎ 1A87	ယ 1A97	့ 1AA7
8	ယ 1A28	၎ 1A38	ယ 1A48	ံ 1A58	ံ 1A68	ံ 1A78	ဝ 1A88	့ 1A98	၎ 1AA8
9	၎ 1A29	ဆ 1A39	၎ 1A49	ံ 1A59	ံ 1A69	ံ 1A79	၎ 1A89	လ 1A99	 1AA9
A	၎ 1A2A	့ 1A3A	၎ 1A4A	ံ 1A5A	ံ 1A6A	ံ 1A7A			၎ 1AAA
B	့ 1A2B	ဝ 1A3B	့ 1A4B	ံ 1A5B	ံ 1A6B	ံ 1A7B			၎ 1AAB
C	၎ 1A2C	၎ 1A3C	့ 1A4C	ံ 1A5C	ံ 1A6C	ံ 1A7C			့ 1AAC
D	့ 1A2D	၎ 1A3D	့ 1A4D	ံ 1A5D	ံ 1A6D				ဝ 1AAD
E	၎ 1A2E	၎ 1A3E	့ 1A4E	ံ 1A5E	ံ 1A6E				
F	၎ 1A2F	၎ 1A3F	၎ 1A4F		ဝ 1A6F	ံ 1A7F			

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	ᨠ	TAI THAM LETTER HIGH KA
1A21	ᨡ	TAI THAM LETTER HIGH KHA
1A22	ᨢ	TAI THAM LETTER HIGH KXA
1A23	ᨣ	TAI THAM LETTER LOW KA
1A24	ᨤ	TAI THAM LETTER LOW KXA
1A25	ᨥ	TAI THAM LETTER LOW KHA
1A26	ᨦ	TAI THAM LETTER NGA
1A27	ᨧ	TAI THAM LETTER HIGH CA
1A28	ᨨ	TAI THAM LETTER HIGH CHA
1A29	ᨩ	TAI THAM LETTER LOW CA
1A2A	ᨪ	TAI THAM LETTER LOW SA
1A2B	ᨫ	TAI THAM LETTER LOW CHA
1A2C	ᨬ	TAI THAM LETTER NYA
1A2D	ᨭ	TAI THAM LETTER RATA
1A2E	ᨮ	TAI THAM LETTER HIGH RATHA
		• an alternative glyph with the upper part shaped like 1A33 ᨮ is used in Thailand and Laos
		• contrast the sequence 1A2D ᨭ 1A5B ᨱ
1A2F	ᨯ	TAI THAM LETTER DA
1A30	ᨰ	TAI THAM LETTER LOW RATHA
1A31	ᨱ	TAI THAM LETTER RANA
1A32	ᨲ	TAI THAM LETTER HIGH TA
1A33	ᨳ	TAI THAM LETTER HIGH THA
1A34	ᨴ	TAI THAM LETTER LOW TA
1A35	ᨵ	TAI THAM LETTER LOW THA
1A36	ᨶ	TAI THAM LETTER NA
1A37	ᨷ	TAI THAM LETTER BA
1A38	ᨸ	TAI THAM LETTER HIGH PA
1A39	ᨹ	TAI THAM LETTER HIGH PHA
1A3A	ᨺ	TAI THAM LETTER HIGH FA
1A3B	ᨻ	TAI THAM LETTER LOW PA
1A3C	ᨼ	TAI THAM LETTER LOW FA
1A3D	ᨽ	TAI THAM LETTER LOW PHA
1A3E	ᨿ	TAI THAM LETTER MA
1A3F	ᩀ	TAI THAM LETTER LOW YA
1A40	ᩁ	TAI THAM LETTER HIGH YA
1A41	ᩂ	TAI THAM LETTER RA
1A42	ᩃ	TAI THAM LETTER RUE
1A43	ᩄ	TAI THAM LETTER LA
1A44	ᩅ	TAI THAM LETTER LUE
1A45	ᩆ	TAI THAM LETTER WA
1A46	ᩇ	TAI THAM LETTER HIGH SHA
1A47	ᩈ	TAI THAM LETTER HIGH SSA
1A48	ᩉ	TAI THAM LETTER HIGH SA
1A49	ᩊ	TAI THAM LETTER HIGH HA
1A4A	ᩋ	TAI THAM LETTER LLA
1A4B	ᩌ	TAI THAM LETTER A
		• indicates a glottal consonant
1A4C	ᩍ	TAI THAM LETTER LOW HA

**Independent vowels**

1A4D	ᩎ	TAI THAM LETTER I
1A4E	ᩏ	TAI THAM LETTER II
1A4F	ᩐ	TAI THAM LETTER U
1A50	ᩑ	TAI THAM LETTER UU
1A51	ᩒ	TAI THAM LETTER EE
1A52	ᩓ	TAI THAM LETTER OO

**Consonants**

1A53	ᩔ	TAI THAM LETTER LAE
1A54	ᩕ	TAI THAM LETTER GREAT SA

**Consonant signs**

1A55	ᩖ	TAI THAM CONSONANT SIGN MEDIAL RA
1A56	ᩗ	TAI THAM CONSONANT SIGN MEDIAL LA
1A57	ᩘ	TAI THAM CONSONANT SIGN LA TANG LAI
1A58	ᩙ	TAI THAM 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

**Sign**

1A60	᩠	TAI THAM SIGN SAKOT
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**Dependent vowel signs**

1A61	ᩡ	TAI THAM VOWEL SIGN A
1A62	ᩢ	TAI THAM VOWEL SIGN MAI SAT
1A63	ᩣ	TAI THAM VOWEL SIGN AA
1A64	ᩤ	TAI THAM VOWEL SIGN TALL AA
1A65	ᩥ	TAI THAM VOWEL SIGN I
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 UU
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 OO
1A71	ᩱ	TAI THAM VOWEL SIGN AI
1A72	ᩲ	TAI THAM VOWEL SIGN THAM AI
1A73	ᩳ	TAI THAM VOWEL SIGN OA ABOVE
1A74	ᩴ	TAI THAM SIGN MAI KANG

**Tone marks**

1A75	᩵	TAI THAM SIGN TONE-1
1A76	᩶	TAI THAM SIGN TONE-2
1A77	᩷	TAI THAM SIGN KHUEN TONE-3
1A78	᩸	TAI THAM SIGN KHUEN TONE-4
1A79	᩹	TAI THAM SIGN KHUEN TONE-5

**Other marks**

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

**Cryptogrammic mark**

1A7F	᩽	TAI THAM COMBINING CRYPTOGRAMMIC DOT
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**Hora digits**

1A80	᩾	TAI THAM HORA DIGIT ZERO
1A81	᩿	TAI THAM HORA DIGIT ONE
1A82	᩻	TAI THAM HORA DIGIT TWO
1A83	᩼	TAI THAM HORA DIGIT THREE
1A84	᩽	TAI THAM HORA DIGIT FOUR

1A85	๑	TAI THAM HORA DIGIT FIVE
1A86	๒	TAI THAM HORA DIGIT SIX
1A87	๓	TAI THAM HORA DIGIT SEVEN
1A88	๔	TAI THAM HORA DIGIT EIGHT
1A89	๕	TAI THAM HORA DIGIT NINE

**Tham digits**

1A90	๐	TAI THAM THAM DIGIT ZERO
1A91	๑	TAI THAM THAM DIGIT ONE
1A92	๒	TAI THAM THAM DIGIT TWO
1A93	๓	TAI THAM THAM DIGIT THREE
1A94	๔	TAI THAM THAM DIGIT FOUR
1A95	๕	TAI THAM THAM DIGIT FIVE
1A96	๖	TAI THAM THAM DIGIT SIX
1A97	๗	TAI THAM THAM DIGIT SEVEN
1A98	๘	TAI THAM THAM DIGIT EIGHT
1A99	๙	TAI THAM THAM DIGIT NINE

**Logographs**

1AA0	๐	TAI THAM SIGN WIANG
		• logograph for city
1AA1	๑	TAI THAM SIGN WIANGWAAK
		• logograph for village
1AA2	๒	TAI THAM SIGN SAWAN
		• logograph for heaven

**Punctuation**

*These characters are used as dingbats and section starters.*

1AA3	๓	TAI THAM SIGN KEOW
		= courtyard
1AA4	๔	TAI THAM SIGN HOY
		= oyster
1AA5	๕	TAI THAM SIGN DOKMAI
		= flower
		→ 2055 * flower punctuation mark
1AA6	๖	TAI THAM SIGN REVERSED ROTATED RANA

**Sign**

1AA7	๗	TAI THAM SIGN MAI YAMOK
		→ 0E46 ๗ thai character maiyamok

**Punctuation**

1AA8	๘	TAI THAM SIGN KAAAN
		• danda
1AA9	๙	TAI THAM SIGN KAANKUU
		• double danda
1AAA	๐	TAI THAM SIGN SATKAAN
1AAB	๑	TAI THAM SIGN SATKAANKUU
		→ 0E5A ๑ thai character angkhankhu
1AAC	๒	TAI THAM SIGN HANG
		• used in combinations with other punctuation marks at ends of sections
1AAD	๓	TAI THAM SIGN CAANG