






Selectors for emoji skin tone

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Live Doc <http://goo.gl/tEvO7B>

Please first read: [L2/14-172](#) *Proposed enhancements for emoji characters: background*

See also the working draft *Unicode Emoji* at unicode.org/reports/tr51/

We propose 5 characters with general category Sk (Modifier Symbol) as follows:

Code	Image	Name	Fitzpatrick Scale Examples
1F3FB		LIGHT SKIN TONE	Types I and II
1F3FC		MEDIUM LIGHT SKIN TONE	Type III
1F3FD		MEDIUM SKIN TONE	Type IV
1F3FE		MEDIUM DARK SKIN TONE	Type V
1F3FF		DARK SKIN TONE	Type VI

The tones are based on the the [Fitzpatrick scale](#); LIGHT SKIN TONE corresponds approximately to Types I and II in the Fitzpatrick scale; MEDIUM LIGHT SKIN TONE through DARK SKIN TONE correspond approximately to Types III through VI in the Fitzpatrick scale.

Note: For the charts, we will fix the images to be squared, with varying half-tones.

The default representation of these alone is as a color swatch. However, if one of these characters follows a character for one or more persons (WOMAN, KISS) or a character for a hand position or a body part (VICTORY HAND, NOSE), then the desired representation is to show the sequence as a single glyph corresponding to the image for the person(s) or body part with the specified skin tone (this can be implemented efficiently in OpenType using COLR tables, for example).

This mechanism itself does not provide a way to designate different skin tones for each person in an emoji image that represents multiple people (such as MAN AND WOMAN HOLDING

HANDS). However, it is expected that emoji users will indicate such groupings by extending already-developing emoji usage conventions in which sequences of emoji are read as representing a single unit; for example, the character for MAN AND WOMAN HOLDING HANDS (with generic appearance) could be replaced or followed by the emoji characters for the two participants (MAN and WOMAN), each using a skin tone symbol.

The following list provides the proposed people and body part emoji with which the skin tone modifier symbols are intended to be used. The characters in this list are a subset of those in [Draft Emoji Data \(Full\)](#) whose annotations include “human”. For most (but not all) such characters, the emoji style is default (per UTR #51) or selectable (with variation selector), and one or more of the presentations in the table includes visible skin.

Characters in the list that have default text style (per UTR #51) are marked as “text” or “text*”, with the asterisk indicating that a variation selector is available to specify emoji style.

Characters that are new in Unicode 7.0 are also marked, since emoji display conventions for those have not yet developed.

Open issues

1. When a skin tone modifier symbol follows a suitable character, but one whose image does not show any skin in the current font, is it acceptable to suppress separate display of the skin tone modifier character?

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People

Depending on the implementation, images for the following may not show any skin, in which case the skin tone modifier symbol would not make a visible difference in the image and either should be displayed separately or not at all.

U+26F7	SKIER
U+26F9	PERSON WITH BALL
U+1F385	FATHER CHRISTMAS
U+1F3C2	SNOWBOARDER
U+1F3C3	RUNNER




U+1F3C4	SURFER
U+1F3C7	HORSE RACING
U+1F3CA	SWIMMER
U+1F3CB	WEIGHT LIFTER (V7.0)
U+1F3CC	GOLFER (V7.0)
U+1F3CD	RACING MOTORCYCLE (V7.0)
U+1F466	BOY
U+1F467	GIRL
U+1F468	MAN
U+1F469	WOMAN
U+1F46E	POLICE OFFICER
U+1F46F	WOMAN WITH BUNNY EARS
U+1F470	BRIDE WITH VEIL
U+1F471	PERSON WITH BLOND HAIR
U+1F472	MAN WITH GUA PI MAO
U+1F473	MAN WITH TURBAN
U+1F474	OLDER MAN
U+1F475	OLDER WOMAN
U+1F476	BABY
U+1F477	CONSTRUCTION WORKER
U+1F478	PRINCESS
U+1F481	INFORMATION DESK PERSON
U+1F482	GUARDSMAN
U+1F483	DANCER
U+1F486	FACE MASSAGE
U+1F487	HAIRCUT

U+1F574	MAN IN BUSINESS SUIT LEVITATING	(V7.0)
U+1F575	SLEUTH OR SPY	(V7.0)
U+1F5E3	SPEAKING HEAD IN SILHOUETTE	(V7.0)
U+1F645	FACE WITH NO GOOD GESTURE	
U+1F646	FACE WITH OK GESTURE	
U+1F647	PERSON BOWING DEEPLY	
U+1F64B	HAPPY PERSON RAISING ONE HAND	
U+1F64C	PERSON RAISING BOTH HANDS IN CELEBRATION	
U+1F64D	PERSON FROWNING	
U+1F64E	PERSON WITH POUTING FACE	
U+1F64F	PERSON WITH FOLDED HANDS	
U+1F6B4	BICYCLIST	
U+1F6B5	MOUNTAIN BICYCLIST	
U+1F6B6	PEDESTRIAN	

Multiple People

U+1F46A	FAMILY	
U+1F46B	MAN AND WOMAN HOLDING HANDS	
U+1F46C	TWO MEN HOLDING HANDS	
U+1F46D	TWO WOMEN HOLDING HANDS	
U+1F48F	KISS	
U+1F491	COUPLE WITH HEART	

Body

	U+261A	BLACK LEFT POINTING INDEX	(text)
	U+261B	BLACK RIGHT POINTING INDEX	(text)
	U+261C	WHITE LEFT POINTING INDEX	(text)

	U+261D	WHITE UP POINTING INDEX	(text*)
	U+261E	WHITE RIGHT POINTING INDEX	(text)
	U+261F	WHITE DOWN POINTING INDEX	(text)
	U+270A	RAISED FIST	
	U+270B	RAISED HAND	
	U+270C	VICTORY HAND	(text*)
	U+270D	WRITING HAND	(text)
	U+1F442	EAR	
	U+1F443	NOSE	
	U+1F446	WHITE UP POINTING BACKHAND INDEX	
	U+1F447	WHITE DOWN POINTING BACKHAND INDEX	
	U+1F448	WHITE LEFT POINTING BACKHAND INDEX	
	U+1F449	WHITE RIGHT POINTING BACKHAND INDEX	
	U+1F44A	FISTED HAND SIGN	
	U+1F44B	WAVING HAND SIGN	
	U+1F44C	OK HAND SIGN	
	U+1F44D	THUMBS UP SIGN	
	U+1F44E	THUMBS DOWN SIGN	
	U+1F44F	CLAPPING HANDS SIGN	
	U+1F450	OPEN HANDS SIGN	
	U+1F485	NAIL POLISH	
	U+1F4AA	FLEXED BICEPS	
	U+1F58E	LEFT WRITING HAND	(V7.0)
	U+1F58F	TURNED OK HAND SIGN	(V7.0)
	U+1F590	RAISED HAND WITH FINGERS SPLAYED	(V7.0)
	U+1F591	REVERSED RAISED HAND WITH FINGERS SPLAYED	(V7.0)

U+1F592	REVERSED THUMBS UP SIGN	(V7.0)
U+1F593	REVERSED THUMBS DOWN SIGN	(V7.0)
U+1F594	REVERSED VICTORY HAND	(V7.0)
U+1F595	REVERSED HAND WITH MIDDLE FINGER EXTENDED	(V7.0)
U+1F596 (V7.0)	RAISED HAND WITH PART BETWEEN MIDDLE AND RING FINGERS	
U+1F597	WHITE DOWN POINTING LEFT HAND INDEX	(V7.0)
U+1F598	SIDEWAYS WHITE LEFT POINTING INDEX	(V7.0)
U+1F599	SIDEWAYS WHITE RIGHT POINTING INDEX	(V7.0)
U+1F59A	SIDEWAYS BLACK LEFT POINTING INDEX	(V7.0)
U+1F59B	SIDEWAYS BLACK RIGHT POINTING INDEX	(V7.0)
U+1F59C	BLACK LEFT POINTING BACKHAND INDEX	(V7.0)
U+1F59D	BLACK RIGHT POINTING BACKHAND INDEX	(V7.0)
U+1F59E	SIDEWAYS WHITE UP POINTING INDEX	(V7.0)
U+1F59F	SIDEWAYS WHITE DOWN POINTING INDEX	(V7.0)
U+1F5A0	SIDEWAYS BLACK UP POINTING INDEX	(V7.0)
U+1F5A1	SIDEWAYS BLACK DOWN POINTING INDEX	(V7.0)
U+1F5A2	BLACK UP POINTING BACKHAND INDEX	(V7.0)
U+1F5A3	BLACK DOWN POINTING BACKHAND INDEX	(V7.0)

Depending on the implementation, images for the following may not show any skin, in which case the skin tone modifier symbol would not make a visible difference in the image and should be displayed separately and either should be displayed separately or not at all.

U+1F440	EYES
U+1F441	EYE (V7.0)
U+1F444	MOUTH
U+1F445	TONGUE
U+1F48B	KISS MARK
U+1F5E2	LIPS (V7.0)

Faces

☺	U+263A	WHITE SMILING FACE	(text*)
☹	U+2639	WHITE FROWNING FACE	(text)
👤	U+263B	BLACK SMILING FACE	(text)
	U+1F47C	BABY ANGEL	
	U+1F47F	IMP	
	U+1F600	GRINNING FACE	
	U+1F601	GRINNING FACE WITH SMILING EYES	
	U+1F602	FACE WITH TEARS OF JOY	
	U+1F603	SMILING FACE WITH OPEN MOUTH	
	U+1F604	SMILING FACE WITH OPEN MOUTH AND SMILING EYES	
	U+1F605	SMILING FACE WITH OPEN MOUTH AND COLD SWEAT	
	U+1F606	SMILING FACE WITH OPEN MOUTH AND TIGHTLY-CLOSED EYES	
	U+1F607	SMILING FACE WITH HALO	
	U+1F608	SMILING FACE WITH HORNS	
	U+1F609	WINKING FACE	
	U+1F60A	SMILING FACE WITH SMILING EYES	
	U+1F60B	FACE SAVOURING DELICIOUS FOOD	
	U+1F60C	RELIEVED FACE	
	U+1F60D	SMILING FACE WITH HEART-SHAPED EYES	
	U+1F60E	SMILING FACE WITH SUNGLASSES	
	U+1F60F	SMIRKING FACE	
	U+1F610	NEUTRAL FACE	
	U+1F611	EXPRESSIONLESS FACE	
	U+1F612	UNAMUSED FACE	
	U+1F613	FACE WITH COLD SWEAT	

U+1F614	PENSIVE FACE
U+1F615	CONFUSED FACE
U+1F616	CONFOUNDED FACE
U+1F617	KISSING FACE
U+1F618	FACE THROWING A KISS
U+1F619	KISSING FACE WITH SMILING EYES
U+1F61A	KISSING FACE WITH CLOSED EYES
U+1F61B	FACE WITH STUCK-OUT TONGUE
U+1F61C	FACE WITH STUCK-OUT TONGUE AND WINKING EYE
U+1F61D	FACE WITH STUCK-OUT TONGUE AND TIGHTLY-CLOSED EYES
U+1F61E	DISAPPOINTED FACE
U+1F61F	WORRIED FACE
U+1F620	ANGRY FACE
U+1F621	POUTING FACE
U+1F622	CRYING FACE
U+1F623	PERSEVERING FACE
U+1F624	FACE WITH LOOK OF TRIUMPH
U+1F625	DISAPPOINTED BUT RELIEVED FACE
U+1F626	FROWNING FACE WITH OPEN MOUTH
U+1F627	ANGUISHED FACE
U+1F628	FEARFUL FACE
U+1F629	WEARY FACE
U+1F62A	SLEEPY FACE
U+1F62B	TIRED FACE
U+1F62C	GRIMACING FACE
U+1F62D	LOUDLY CRYING FACE

U+1F62E	FACE WITH OPEN MOUTH	
U+1F62F	HUSHED FACE	
U+1F630	FACE WITH OPEN MOUTH AND COLD SWEAT	
U+1F631	FACE SCREAMING IN FEAR	
U+1F632	ASTONISHED FACE	
U+1F633	FLUSHED FACE	
U+1F634	SLEEPING FACE	
U+1F635	DIZZY FACE	
U+1F636	FACE WITHOUT MOUTH	
U+1F637	FACE WITH MEDICAL MASK	
U+1F641	SLIGHTLY FROWNING FACE	(V7.0)
U+1F642	SLIGHTLY SMILING FACE	(V7.0)