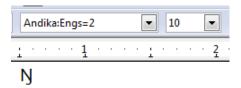
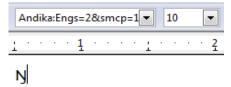
## **Font Features for Andika**

When Andika is used in applications that support Graphite, and that provide an appropriate user interface, various user-controllable font features are available that allow access to alternatively-designed glyphs that might be preferable for use in some contexts. In LibreOffice 3.4.2+ (<a href="http://www.libreoffice.org/download/">http://www.libreoffice.org/download/</a>) or OpenOffice 3.2+ (<a href="http://www.openoffice.org/download/">http://www.openoffice.org/download/</a>) the font features can be turned on by choosing the font (ie Andika), followed by a colon, followed by the feature ID, and then followed by the feature setting. So, for example, if the Uppercase eng alternate "Capital N with tail" is desired, the font selection would be "Andika:Engs=2". (The Graphite feature IDs have changed. If you already have documents which specify the Graphite feature IDs as digits, you will need to change from digits to text. Both are documented in the table below. We are very sorry for the inconvenience.)



If you wish to apply two (or more) features, you can separate them with an "&". Thus, "Andika:Engs=2&smcp=1" would apply "Capital N with tail" plus the "Small capitals" feature.



These same features are also available in OpenType. The OpenType feature IDs ("cvxx" for "Character Variant" and "ssxx" for "Stylistic Set") are listed in the OpenType feature ID column. However, they are only available in a few applications. Mozilla Firefox (<a href="https://www.mozilla.org/firefox">https://www.mozilla.org/firefox</a>) is the only application that currently supports Character Variants. Adobe InDesign, Microsoft Word, Microsoft Publisher and Mozilla Firefox support Stylistic Sets.

A glyph palette is available for accessing the alternate glyphs in some applications such as Adobe InDesign.

Ideally the selection of these font features is done in application programs, but many applications do not yet support this functionality. In response to this lack of support for features, a program called TypeTuner (command line version: <a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/TypeTuner</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a> and web-based version: <a href="http://scripts.sil.org/ttw">http://scripts.sil.org/t

In the table below, upper and lower case pairs are shown (if they exist), even if the feature only affects one or the other. This is in order to see how the whole pair looks when a feature is applied. The following font features are available in Andika:

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes <sup>1</sup>	
Language specific							
Vietnamese-style diacritics (U+1EA4 U+1EA5 U+1EA6 U+1EA7 U+1EA8 U+1EA9 U+1EA4 U+1EAB U+1EA6 U+1EAF U+1EB0 U+1EB1 U+1EB2 U+1EB3 U+1EB4 U+1EB5 U+1EB5 U+1EB6 U+1EC1 U+1EC1 U+1EC2 U+1EC3 U+1EC4 U+1EC4 U+1EC5 U+1EC5 U+1EC5 U+1ED5 U+1ED6 U+1ED7)	cv75	viet (old:1029)	0=False	Áấ Àà Ẩẩ Ãã Áắ Àờ Ảở Ãã Éế ÈÈ Ểể Ễễ ốố Òò ổổ ỗỗ	ÁÁ ÀÀ ẢÁ ÃÃ ÁÁ ÀÀ ÅÅ ÃÃ ÉÉ ÈÈ ểể ễẽ ốố ÒÒ ỞỞ ÕÕ	R, O	
			1=Vietnamese-style	Áã Äà Ẩẩ Ãã Áắ Ăă Åå Ãã Éế Èề ểể ễễ ốố Òò ổổ ỗỗ	ấã ầà ẩẩ ẫã ắắ ằằ ẳẳ ẵã ếế ềề ểể ễễ ốố ồồ ổổ ỗỗ	-	
Serbian-style alternates (U+0431 U+0433 U+0434 U+043F U+0442)	locl (accessed trhough	serb	0=False	Б6 Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ	R	
Primarily intended for italic use	Serbian language)		1=True	Бδ Гг Дд Пп Тт	ББ ГГ ДД ПП ТТ		
Chinantec tones (U+02CB U+02C8 U+02C9 U+02CA)	cv90	cv90	chtn (old:1057)	0=False	`   - /	Small capitals are not available as there is no uppercase equivalent	R
			1=Chinantec-style	\I-/	apportase equivalent		
Bridging diacritics (U+0308 – used with *L* and *I*, U+0311, U+0361 and U+035F – used with *O*, *o*, *U* and *u*.)	-	brig (old:1052)	0=False	Naso: ÜL ÏI Ül Konai: ÔU Ôu ôu <u>ÔU</u> <u>Ôu</u> <u>ôu</u> OU Ou ou <u>OU</u> <u>Ou</u> <u>ou</u>	Small capitals do not work properly	G	
		1=True	1=True	Maso: LÏ. Iİ LÏI Konai: OÛ			

TypeTuner legend: R=glyphs are Reencoded (will work with dumb rendering); O=OpenType rules are activated; G=Graphite-only feature (All features are available for Graphite applications.); T=Only available through TypeTuner (<a href="http://scripts.sil.org/TypeTuner">http://scripts.sil.org/TypeTuner</a>) or TypeTuner Web (<a href="http://scripts.sil.org/ttw">http://scripts.sil.org/ttw</a>).

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example Example with Small Capitals	TypeTuner Notes
Cyrillic <sup>2</sup>					
Mongolian-style Cyrillic E (U+042D U+044D)	cv80	mone (old:1027)	0=False	Ээ	R
			1=Mongolian-style	Ээ	
(U+0306)	cv82	sbrv (old:1028)	0=False	anything with ♂ (ðĕ) anything with ♂ (ðĕ)	R (no effect if data is NFC)
			1=Cyrillic-style	anything with ˘ (ðĕ) anything with ˘ (ðĕ)	
Cyrillic shha alternate (U+04BB)	cv81	shha (old:1056)	0=False	hh hh	R
			1=Uppercase style	hh hh	
Tone-related					
Tone numbers (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712	cv91	tone (old:1026)	0=Bars	Small capitals are not available as there is no uppercase equivalent	G
U+A713 U+A714 U+A715 U+A716)			1=Numbers	5 4 3 2 1 5 4 3 2 1	
Hide tone contour staves (U+02E5 U+02E6 U+02E7 U+02E8 U+02E9 U+A712	cv92	tstv (old:1050)	0=False	Small capitals are not available as there is no uppercase equivalent	G
U+A713 U+A714 U+A715 U+A716)			1=True	(^^)	
9-level pitches (U+F1F1 U+F1F2 U+F1F3 U+F1F4 U+F1F5 U+F1F6	-	pit9 (old:1062)	0=No tramlines	Small capitals are not available as there is no uppercase equivalent	G
U+F1F7 U+F1F8 U+F1F9)			1=Tramlines	(\scales)	
			2=Non-ligated with no tramlines	()	
			3=Non-ligated with tramlines		

There are also Cyrillic characters affected by the "Capital Ezh alternates" and "Small capitals" features. Some languages may also use the "Modifier apostrophe alternates."

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes						
Miscellaneous												
Literacy alternates (U+0061 U+00E0 U+00E1 U+00E2 U+00E3 U+00E4 U+00E5 U+0101 U+0103 U+0105 U+01CE U+01DF U+01E1 U+01FB U+0201 U+0203 U+0227 U+1E01 U+1E9A U+1EA1 U+1EA3 U+1EA5 U+1EA7 U+1EA9 U+1EAB U+1EAD U+1EAF U+1EB1 U+1EB3 U+1EB5 U+1EB7 U+2C65 U+2090 U+1D43 U+0363 U+0067 U+011D U+011F U+0121 U+0123 U+01E7 U+01F5 U+01E5 U+1E21 U+A7A1 U+1D4D)	ss01	litr (old:1032)	1=True (default)	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăă Äā Āā Áá Äå Aâ Aa Aa a Ḥa Ảả Ấâ Àà Ẩả Ãã Ậậ Áắ Àà Åẳ Åã Ặ茲 緇ơ a º º Gg Ĝĝ Ğğ Ġġ Ģģ Ğğ Gģ G <del>g</del> Ō̄g <del>Gg</del> <sup>g</sup>	AA ÀÀ ÁÁ ÂÂ ÃÃ ÄÄ ÅÅ ĀĀ ĂĂ ĄĄ ĂĂ ÄÄ ĀĀ ÁÅ ÄÄ ÂA ÀA AA Ả ẠẠ ẢẢ ẤỐ ÀÀ ÂẨ ÃÃ ẬẬ ẮẮ ÀÀ ÅՃ ÃÃ ĂĂ Ặ丼 ੴ GG ĜĜ ĞĞ ĠĠ ĢĠ ĞĞ ĠĠ GG ŌŌ <del>GG</del> 9	R						
			0=False	Aa Àà Áá Ââ Ãã Ää Åå Āā Ăă Ąą Ăǎ Äā Āā Áá Åå Àà Âa Àa Aa à Ḥạ Ảả Ấâ Àà Ẩả Ãã Ậậ Áá Àà Àà Ẩã Ặặ ౙౢౢౢ a ª ఄ Gg Ĝĝ Ğğ Ġġ Ģģ Ğǧ Ġģ Gg Ōg ᠪg ੲ								
Barred-bowl forms (U+0111 U+0180 U+01E5)	ss04	bowl (old:1031)	0=False	Đđ Bb G <del>g</del>	ĐĐ BB GG	R						
			1=Barred-bowl	Đ <del>d</del> B <del>b</del> G <del>g</del>	ĐĐ BB GG							
Non-European caron alternates (U+0164 U+0165 U+010E U+010F U+013D U+013E)	cv77	carn (old:1063)	0=European style	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ	R						
					1=Non-European style	Ťť Ďď Ľľ	ŤŤ ĎĎ ĽĽ					
Ogonek alternate (U+0328 U+0104 U+0105 U+0118 U+0119 U+012E U+012F U+0172 U+0173 U+01EA U+01EB U+01EC U+01ED)	cv76	cv76	cv76	cv76	cv76	cv76	cv76	ogon (old:1043)	0=Curved	anything with ု (Ąą Ęę Įį Ųų Qo Ō̄ō)	anything with $\circ$ (AA EE II VV QO $\bar{Q}\bar{Q}$ )	R
			1=Straight	anything with ု (Ąą Ęę Įį Ųų Qọ Ō̄ō)	anything with ૄ (슈슈 투투 [I ŲŲ QQ ŌŌ)							

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes	
Capital B-hook alternate (U+0181)	cv13	B_hk (old:1064)	0=Uppercase style	В6	Вв	R	
			1=Lowercase style	Б6	ББ		
Capital D-hook alternate	cv17	D_hk	0=Uppercase style	Dď	<mark></mark> ፓፓ	R	
			1=Lowercase style	Фď	वृ व	-	
Rams horn alternates (U+0264)	cv25	ramh (old:1025)	0=Small bowl	γ	Small capitals are not available as there is no uppercase equivalent	R	
			1=Large bowl	δ	uppercase equivalent		
			2=Small gamma	γ			
Capital H-stroke alternate	cv28	Hstk (old:1038)	0=False	Ħħ	ĦĦ	R	
			1=Vertical-stroke	Hħ	Нн		
Small i-tail alternate (U+0069 U+00EC U+00ED U+00EE U+00EF U+0129 U+012B U+012D U+012F U+0131 U+01D0 U+0209 U+020B U+0365 U+1D62 U+1E2C U+1E2D U+1E2F	cv31	i_tl (old:1070)	0=Straight	iìíîïīīĭįıĭïîò¦;jjííijififfi	IÌÍÎÏĨĬĮIĬĬÎĠ¡ĮĮÏĠĮ FIFFI	R	
U+1EC9 U+1ECB U+2071)					1=Curved tail	iì(îïīīĭţıĭìî <sup>¦</sup> ijjťlị <sup>i</sup> fiffi	IÌÍÎÏĨĪĬĮIĬĬÎĠţĮĮÍĠŢ FIFFI
Small j-serif alternate (U+006A U+0135 U+01F0 U+0237 U+0249 U+025F	cv34	jser (old:1071)	0=No top serif	jĵjj <del>j</del> j į i t i l į l į l į l į l į l į l į l į l į l	J Ĵ J J J j j j j j	R	
U+029d U+02B2 U+1DA1 U+1DA8)			1=Top serif	jĵjj <del>j</del> j <sup>j</sup> i	J Ĵ J J J J j j j i i		
J-stroke hook alternate (U+0284)	cv37	Jstk (old:1049)	0=No serif	f	Small capitals are not available as there is no uppercase equivalent	R	
				1=Top	1=Top serif	f	apportation oquivalent
Small I-tail alternate (U+006C U+013A U+013C U+013E U+0140 U+0142	cv39	I_tI	0=Straight	[	r į į į r f f f l j i i į l ž f t l	R	
U+019A U+026B U+026C U+02E1 U+1D85 U+1DAA U+1E37 U+1E39 U+1E3B U+1E3D U+2C61 U+A749 U+2097)		(old:1072)	1=Curved tail	lĺļľŀłłłłllllltt	ſŢĊŢŖŖŦŦĸŢŶŢĠŢĬŢŦŢſ		

OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
cv43	Engs	0= Large eng with descender	ຐຐ	ຶ່ງກຸ	R
		1=Large eng on baseline		ממ	
		2=Capital N with tail	Ŋŋ	ŊŊ	
		3=Large eng with short stem	րդ	ຕຕ	
cv44	N_hk (old:1035)	0=Uppercase style	Ŋ'n	Nn	R
		1=Lowercase style	n <sub>n</sub>	ກກ	
cv46	opnO (old:1059)	0=Bottom serif	Ͻͻ ͻ <sup>ͻ</sup> ၃	ϽϽ ͻ <sup>ͻ</sup> Į	R
		1=Top serif	Ээ э <sup>э</sup> э	Co o o o	
cv49	p_hk (old:1040)	0=Left hook	<b></b> Ρβ	<b>P</b> P	R
		1=Right hook	Рβ	<b>P</b> P	
cv51	q_tl: (old:1073)	0=Straight	Qq Qq Q,q q	QQ QQ QQ d	R
		1=Point	Qq Qq Qq q	QQ QQ QQ (	
cv52	Qalt: (old:1076)	0=Tail	Qq Qq Qq	QQ QQ QQ	R
		1=Tail across	Qq Qq Qq	QQ QQ Q <sub>Q</sub>	
cv55	R_tI (old:1039)	0=Uppercase style	Rr	RR	R
		1=Lowercase style	rr	cr	
cv57	t_hk (old:1037)	0=Left hook	Τŧ	Тт	R
		1=Right hook	тŧ	Тт	
	Cv43   Cv44   Cv44   Cv46   Cv49   Cv51   Cv52   Cv55   Cv55	Feature ID   Feature ID	Teature ID   Teature ID   Cv43   Engs (old:1024)   Delarge eng with descender   Teating eng on baseline   ZeCapital N with tail   3=Large eng with short stem   3=Large eng with short stem   Delayercase style   Teating eng with short stem   Teating eng with short stem   Delayercase style   Teating eng with eng eng with short stem   Teating eng eng with short stem   Teating eng eng with short stem   Teating eng eng eng eng eng eng eng eng eng e	Teature ID   Feature ID   Cv43   Engs (old: 1024)   Descender   Descender	Feature ID   Feature ID   Feature ID

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes	
Small t-tail alternate (U+0074 U+1D57 U+209C U+0165 U+1E97 U+1E6B U+0163 U+1E6D U+021B U+1E71 U+1E6F U+02A8 U+1D7A U+02A6 U+02A7 U+0167 U+1D75 U+01AB U+1DB5 U+01AD U+0287 U+2C66 U+036D)	cv56	t_tl: (old:1074)	0=Curved tail	t <sup>t</sup> t <sup>t</sup> ttttttttttttt	T <sup>t</sup> <sub>t</sub> Ť ť † Ţ Ṭ Ṭ Ṭ tɕ th ts ʧ Ŧ ŧ ţ <sup>ț</sup> T ⊥ ア <sup>†</sup>	R	
			1=Straight	t <sup>†</sup> , t' ï i ț ț ț ț t ta th ts tʃ ‡ ‡ j <sup>†</sup> f <sub>+</sub> † <sup>†</sup>	┰ <sup>↑</sup> ₊Ť┊┆Ţ┆┆┆┇╬╬╬╬╬╬╬╬		
V-hook alternates (U+01B2 U+028B U+1DB9)	cv62	v_hk: (old:1033)	0=Curved	Ου <sup>υ</sup>	υυυ	R	
			1=Straight with low hook	Vv <sup>ν</sup>	νυ <sup>ν</sup>		
			2=Straight with high hook	Vv	Vv <sup>ν</sup>		
Capital Y-hook alternate (U+01B3)	cv68	Y_hk (old:1034)	1=Right hook	Υγ	ΥΥ	R	
			0=Left hook	ΥΥ	ΥΥ		
Small y-tail alternate (U+0079 U+024F U+02B8 U+00FD U+1EF3 U+0177	cv67	y_tl: (old:1075)	0=Curved tail	y <del>y</del> <sup>y</sup> ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ y ƴ ʎ <sup>^</sup> %	Υ <del>Υ</del> <sup>y</sup> ÝŶŶŶŸŸŸŶŶΥΛ <sup>^</sup> π	R	
U+1E99 U+00FF U+1EF9 U+1E8F U+0233 U+1EF7 U+1EF5 U+01B4 U+028E U+F1CE U+F267)			1=Straight	y <del>y</del> <sup>y</sup> ý ỳ ŷ ÿ ÿ ÿ ÿ ÿ y ƴ ʎ <sup>ʎ</sup> 矯	ΥΥΥΫ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́Ϋ́ΥΥΥΥ		
Small ezh-curl alternate (U+0293)	cv19	ezhc (old:1036)	0=Small bowl	3	Small capitals are not available as there is no uppercase equivalent	R	
			1=Large bowl	3			
Capital Ezh alternates (U+01B7 U+04E0)	cv20	Ezhr (old:1042)	0=Normal	33 33	33 33	R	
			1=Reversed sigma	33 33	33 33		
<b>OU alternates</b> (U+0222 U+0223 U+1D3D U+1D15)	cv47	opOU (old:1045)	0=Closed	8888	888 <sup>8</sup>	R	
			1=Open	888 <sup>8</sup>	888 <sup>8</sup>		
Modifier apostrophe alternates (U+02BC U+A78B U=A78C)	cv70	apos (old:1044)	0=Small	, II	Small capitals are not available	R	
(			1=Large	1=Large	' 11		

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Modifier colon alternate (U+A789)	cv71	coln (old:1047)	0=Tight	:	Small capitals are not available as there is no uppercase equivalent	R
			0=Expanded	:	apportuo oquiruioni	
Empty set alternates (U+2205)	cv98	empt (old:1046)	0=Circle	Ø	Small capitals are not available as there is no uppercase equivalent	R
			1=Zero	Ø		
Show invisible characters (U+00AD U+034F U+200B U+200C U+200D U+200E U+200F U+202A U+202B U+202C U+202D U+202E	ss06	invs (old:1030)	0=False		Small capitals are not available as there is no uppercase equivalent	R
U+2004 U+2024 U+2025 U+2026 U+FE00 U+FE01 U+2060 U+2061 U+2062 U+2063 U+FE00 U+FE01 U+FE02 U+FE03 U+FE04 U+FE05 U+FE06 U+FE07 U+FE08 U+FE09 U+FE0A U+FE0B U+FE0C U+FE0D U+FE0E U+FE0F U+FEFF)			1=True	CGJ         ZW N J         ZW LRM         RLM         LRE         RLE         PDF         LRO         F()         RLO           VS 10 VS 9 8 77         VS 6 0 5 5 4 0 3 2 2 1 1 7 1 6 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 8 8 7 1 1 1 1		
Small Caps	smcp, c2sc	smcp (old:1058)		abcdefghijklmnopqrstuv wxyzàáâaãaæçèéêëìíîïðñ òóôõöøùúûüýþÿāăąćĉċčď đēĕėęěĝğġġĥħĩīĭįıijĵķĺļľŀ łńņňŋōŏőœŕŗřśŝşšţťŧũūŭ ůűųŵŷźżžbБbcdfhvkłŋơŋ bzţửУzzspDždžLjljNjnjǎĭŏù üűüäaäæġğkoōžDzdzġ'nå æøäâëêïîòôřrüûşţ3h8zaę öðoōy¢ræjqryeabɔdəɛgyi ıłшmnnerr∫tyvnzpabbbç dddddèēeeeĕfghhhhhhiiíkkk !!!!mmmmnnnöööóóppřrrrrs ssśšitttuuuùũüyvwwwwwx xy2zzaáââââââââäääääääääeeeee eêêêêijoóóôôôôóóòòòòoouuú ùửữựyyyyÿtloytathkzwszr 3°htse44æææaaææayokkkhte ooppoqqq2ywyspby3f9òrg	NJ NJ Ř Ť Č Č Ž Č Ž Č Ž Ž Ž Ž Ž Ž Ž Ž Š Š Č Š Č Š	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
				μ μ τ '		
Numbers						
Digit Zero with slash (U+0030 U+2070 U+2080)	cv10	dig0 (old:1065)	0=No slash	000	Small capitals are not available as there is no uppercase equivalent	R
			1=Slash	000		
Digit One without base (U+0031 U+00B9 U+2081)	cv01	dig1 (old:1066)	0=Base	1 1 1	Small capitals are not available as there is no uppercase equivalent	R
			1=No base	1 1 1		
Digit Four with open top (U+0034 U+2074 U+2084)	cv04	dig4 (old:1067)	0=Closed	4 4 4	Small capitals are not available as there is no uppercase equivalent	R
			1=Open	4 4 4	··· '	
Digit Six and Nine alternates (U+0036 U+0039 U+2076 U+2079 U+2086 U+2089)	cv06	dg69 (old:1068)	0=Curved stem	69 <sup>69</sup> 69	Small capitals are not available as there is no uppercase equivalent	R
			1=Diagonal stem	69 <sup>69</sup> 69	1	

Feature Name	OpenType feature ID	Graphite feature ID	Feature Setting	Example	Example with Small Capitals	TypeTuner Notes
Digit Seven with bar (U+0037 U+2077 U+2087)		dig7 (old:1069)	0=No bar	7 7 7	Small capitals are not available as there is no uppercase equivalent	R
			1=Bar	7 7 7		
Other Features						
Line spacing			Normal Tight Loose	Allows for adjustment of the default line spacing in the font.		Т