

Typeface

@KeithYokoma - Drivemode, Inc.
potatotips #9

About myself

- KeithYokoma
- Keishin Yokomaku
- Drivemode, Inc.
- GitHub: <https://github.com/KeithYokoma>
- e-Book: <http://amzn.to/1mZNydv>



Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Typeface

Periodic Table of Typefaces

Popular, Influential, & Notorious

<div>1</div> <div>H</div> <div>Helvetica</div> <div>Max Meisling 1957</div>										<div>2</div> <div>F</div> <div>Futura</div> <div>Paul Renner 1927</div>																									
<div>4</div> <div>U</div> <div>Univers</div> <div>Adrian Frutiger 1959</div>		<div>5</div> <div>Ak</div> <div>Akzidenz-Grotesk</div> <div>Hubertus Thoma 1896 Gerrit Groenke 1911</div>		<div>Family and/or Class</div> <div>Rank</div> <div>Symbol</div> <div>Typeface</div> <div>Designer(s) Year Designed</div>																															
<div>16</div> <div>Bg</div> <div>Bell Gothic</div> <div>Chapman & Cutler 1929</div>		<div>27</div> <div>Fg</div> <div>Franklin Gothic</div> <div>Morris F. Benson 1927</div>																																	
<div>31</div> <div>In</div> <div>Interstate</div> <div>Tobias Frere-Jones 2002</div>		<div>40</div> <div>Di</div> <div>DIN</div> <div>Ludwig Dörfler 1928</div>		<div>21</div> <div>St</div> <div>Stone</div> <div>Norman Stone 1987</div>		<div>26</div> <div>Th</div> <div>Thesis</div> <div>Lucas de Groot 1984</div>		<div>30</div> <div>R</div> <div>Rotis</div> <div>OT Aachen 1988</div>		<div>7</div> <div>T</div> <div>Times</div> <div>Stanley Morison 1907</div>		<div>17</div> <div>Tr</div> <div>Trinité</div> <div>Brian de Zeeuw 1987</div>		<div>19</div> <div>Ba</div> <div>Baskerville</div> <div>John Baskerville 1756</div>		<div>6</div> <div>G</div> <div>Garamond</div> <div>Claude Garamond 1528</div>		<div>10</div> <div>C</div> <div>Caslon</div> <div>William Caslon 1725</div>		<div>11</div> <div>M</div> <div>Minion</div> <div>Robert Slimbach 1984</div>		<div>12</div> <div>L</div> <div>Lucida</div> <div>Chapman & Cutler Fox Haines 1982</div>		<div>15</div> <div>Fl</div> <div>Fleischmann</div> <div>Ulrich Haase 1987</div>		<div>75</div> <div>Da</div> <div>Dax</div> <div>Hans Reibel 1984</div>		<div>78</div> <div>Ts</div> <div>Today Sans</div> <div>Viktor Kofler 1989</div>		<div>87</div> <div>If</div> <div>Info</div> <div>Dirk Spiekermann 1987</div>		<div>60</div> <div>Go</div> <div>Gotham</div> <div>Tobias Frere-Jones 2002</div>		<div>44</div> <div>W</div> <div>Walbaum</div> <div>John Walbaum 1809</div>	
<div>54</div> <div>Lg</div> <div>Letter Gothic</div> <div>Roger Blackwell 1989</div>		<div>58</div> <div>Av</div> <div>Avenir</div> <div>Adrian Frutiger 1989</div>		<div>38</div> <div>Of</div> <div>Officia</div> <div>Dirk Spiekermann 1987</div>		<div>49</div> <div>Sc</div> <div>Scala</div> <div>Morris Major 1987</div>		<div>55</div> <div>Bs</div> <div>Bose</div> <div>Eugene Lohr 1989</div>		<div>57</div> <div>Ar</div> <div>Arnhem</div> <div>Paul Struycken 1984</div>		<div>68</div> <div>Le</div> <div>Lexicon</div> <div>Brian de Zeeuw 1987</div>		<div>73</div> <div>Sr</div> <div>Scottish Roman</div> <div>A.D. Parker 1989</div>		<div>23</div> <div>Sa</div> <div>Sabon</div> <div>Jan Tschichold 1989</div>		<div>28</div> <div>Be</div> <div>Bembo</div> <div>Hermann Joffe 1989</div>		<div>34</div> <div>J</div> <div>Jenson</div> <div>Robert Slimbach 1984</div>		<div>35</div> <div>Gr</div> <div>Grifo Classico</div> <div>Piero Luk 1987</div>		<div>36</div> <div>Gc</div> <div>Garamond Classico</div> <div>Piero Luk 1989</div>		<div>37</div> <div>Ch</div> <div>Cheltenham</div> <div>Bertram G. Heath Ligita Vokul 1984</div>		<div>90</div> <div>Am</div> <div>Amplitude</div> <div>Christopher Schwartz 2002</div>		<div>91</div> <div>Bc</div> <div>Bell Centennial</div> <div>Matthew Carter 1979</div>		<div>96</div> <div>N</div> <div>Neutraface</div> <div>Christopher Schwartz 2002</div>		<div>48</div> <div>Ma</div> <div>Matrix</div> <div>Eugene Lohr 1989</div>	
<div>66</div> <div>Tg</div> <div>Trade Gothic</div> <div>Jackson Butler 1949</div>		<div>100</div> <div>Ng</div> <div>News Gothic</div> <div>Morris Fuller Benton 1928</div>		<div>62</div> <div>Fe</div> <div>Fedra</div> <div>Peter Drak 2002</div>		<div>99</div> <div>Q</div> <div>Quadraat</div> <div>Paul Struycken 1987</div>		<div>29</div> <div>Cl</div> <div>Clarendon</div> <div>Benjamin Fox 1984</div>		<div>43</div> <div>Ro</div> <div>Rockwell</div> <div>Frank R. Porcup 1984</div>		<div>53</div> <div>Io</div> <div>Ionic No. 5</div> <div>Chapman & Cutler 1929</div>		<div>80</div> <div>Sw</div> <div>Swift</div> <div>David Jager 1987</div>		<div>41</div> <div>Jo</div> <div>Joanna</div> <div>Eric Gill 1928</div>		<div>42</div> <div>A</div> <div>Aldine</div> <div>John Hawley 1987</div>		<div>52</div> <div>K</div> <div>Kis</div> <div>Norman No 1984</div>		<div>64</div> <div>Pa</div> <div>Palatino</div> <div>Hermann Zapf 1987</div>		<div>76</div> <div>Cb</div> <div>Cooper Black</div> <div>Clarens Cooper 1922</div>		<div>88</div> <div>Sp</div> <div>Spectrum</div> <div>van der Kroonen 1945</div>		<div>89</div> <div>Po</div> <div>Proforma</div> <div>Piet van Breda 1989</div>		<div>94</div> <div>CG</div> <div>Garamond-Letter</div> <div>Richard W. Stead 1987</div>		<div>25</div> <div>TA</div> <div>TRAJAN</div> <div>David Neuhauss 1984</div>		<div>50</div> <div>Ce</div> <div>Century</div> <div>Morris Fuller Benton 1928</div>	
<div>24</div> <div>Oc</div> <div>OCR</div> <div>American Type Foundry 1989</div>		<div>45</div> <div>Ci</div> <div>Chicago</div> <div>Rosen Black 1989</div>		<div>46</div> <div>P</div> <div>Picador</div> <div>A.D. Parker 1987</div>		<div>92</div> <div>Oa</div> <div>Oakland</div> <div>Eugene Lohr 1989</div>		<div>97</div> <div>Bl</div> <div>Blur</div> <div>Nicola Bivoli 1987</div>		<div>61</div> <div>Eg</div> <div>Egyptian</div> <div>Hans Boller 1987</div>		<div>63</div> <div>Co</div> <div>Courier</div> <div>Howard Koffler 1987</div>		<div>79</div> <div>Mm</div> <div>Memphis</div> <div>Rick Redford-Hess 1987</div>		<div>84</div> <div>Ca</div> <div>Caecilia</div> <div>Pete M. Novak 1989</div>		<div>33</div> <div>Bü</div> <div>Büschberg 6-12</div> <div>Johannes Gutenberg 1468</div>		<div>39</div> <div>Gf</div> <div>Gothic Grotto</div> <div>Hans Böttigheimer 1984</div>		<div>56</div> <div>Uf</div> <div>Unger Fraktur</div> <div>Johann F. Unger 1799</div>		<div>59</div> <div>Mg</div> <div>Massacre Gothic</div> <div>Wolfgang Hagen 1984</div>		<div>67</div> <div>Bf</div> <div>Bodoni Fraktur</div> <div>Johann F. Unger 1799</div>		<div>82</div> <div>Ff</div> <div>Futura Fraktur</div> <div>Johann F. Unger 1799</div>		<div>85</div> <div>Wg</div> <div>Wagner Fraktur</div> <div>Johann F. Unger 1799</div>		<div>86</div> <div>Wr</div> <div>Wagner Fraktur</div> <div>Johann F. Unger 1799</div>		<div>93</div> <div>Ss</div> <div>Sans Serif</div> <div>Johann F. Unger 1799</div>	

*Ranking determined by sorting and combining lists and opinions from the following sites:

The 100 Best Fonts Of All Time - <http://www.100besteschriften.de/>

(to include top ten personal favorites from designers Jan Middendorp [jorpdai.com], Roger Black [rogerblack.com],

Bertram Schmidt-Friedrichs [tdc.org], Stephen Coles [typographica.org], Veronica Elsner [www.fontshop.com/fonts/foundry/elsner_fika],

Ralf Herman [opentype.info] and Claudia Gurnski [fontshop.com])

Paul Shaw's Top 100 Types survey - <http://www.tdc.org/reviews/typelist.html>

21 Most Used Fonts By Professional Designers - <http://www.instantshift.com/2008/10/05/21-most-used-fonts-by-professional-designers/>

Top 7 Fonts Used By Professionals In Graphic Design - <http://justcreativedesign.com/2008/09/23/top-7-fonts-used-by-professionals-in-graphic-design-2/>

30 Fonts That ALL Designers Must Know & Should Own - <http://justcreativedesign.com/2008/03/02/30-best-font-downloads-for-designers/>

Typefaces no one gets tired of using - <http://www.cameronmoll.com/archives/001168.html>

(to include all serious and reasonable opinions stated in the comments section)

51 Z Zapfino Hermann Zapf 1989	69 Mi Metaphor Roger Excoffon 1984	70 Ha Herald Ludwig 1987	77 Sn Snell Roundhand Matthew Carter 1989	81 Rc Rococo Robert Struycken 1989	83 Bi Balthus Richard Lippin 1987	95 un unusual Viktor Kofler 1989	98 Bo Bodoni Piero Luk 1989
---	---	-----------------------------------	--	---	--	---	--------------------------------------

Typeface

- Cool
- Nice
- Beautiful
- Android provides Roboto by default

Typeface

- If you would like to change the typeface...

`TextView#setTypeface(Typeface)`

`Button#setTypeface(Typeface)`

`EditText#setTypeface(Typeface)`

`Paint#setTypeface(Typeface)`

Typeface

- Read Typeface from your assets

```
Typeface.createFromAsset (AssetManager, String)
```

Typeface

- Read Typeface from your assets

```
Typeface.createFromAsset (AssetManager, String)
```

- Caution!

```
Typeface.createFromAsset leaks asset stream  
http://bit.ly/1rV0kir
```


Typeface

- Workaround: cache

```
private final Hashtable<String, Typeface> mCache = new Hashtable<String, Typeface>();
private final Application mApplication;

public synchronized Typeface get(String name) {
    Typeface typeface = mCache.get(name);
    if(typeface == null) {
        try {
            typeface = Typeface.createFromAsset(mApplication.getAssets(), name);
        } catch (Exception exp) {
            return null;
        }
        mCache.put(name, typeface);
    }
    return typeface;
}
```

Typeface

- If you would like to change the typeface for

ActionBar title

ActionBar tab text

Dialog button texts

Dialog message text

All text views in the view group

blah blah blah...

Typeface

- Got it, we introduce you our library!

TypefaceHelper - <http://bit.ly/1AxfqLz>

Typeface

- First, initialize the object in your Application.

```
public class SampleApp extends Application {  
    @Override  
    public void onCreate() {  
        super.onCreate();  
        TypefaceHelper.initialize(this);  
    }  
  
    @Override  
    public void onTerminate() {  
        TypefaceHelper.destroy();  
        super.onTerminate();  
    }  
}
```

Typeface

- Set your Typeface.

```
public class SampleActivity extends Activity {  
  
    TextView mTextView;  
  
    @Override  
    public void onCreate(Bundle savedInstanceState) {  
        // ...  
        TypefaceHelper helper = TypefaceHelper.getInstance();  
        helper.setTypeface(this, "MyFont.ttf");  
        helper.setTypeface(mTextView, "Another.ttf");  
    }  
}
```

Typeface

- That's it. Just do it!



Typeface

- You can set your Typeface to...
 - All views that is a child of TextView.
 - All TextViews that is belong to ViewGroup.
 - Activity, Fragment, Dialog.
 - Canvas(thanks to Nohana team!)

Typeface

- Works in progress
 1. OptionsMenu
 2. Preferences
 3. Set typeface by annotation

Typeface

@KeithYokoma - Drivemode, Inc.
potatotips #9