

Converting Colors

Hex(684FE0)

Have a look what the booklet for
Hex(684FE0) contains.

Hex(684FE0)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(684FE0)

Conversions

Conversions Part 1

Format	Color
Hex	684FE0
RGB	104, 79, 224
RGB Percent	41%, 31%, 88%
CMY	0.5922, 0.6902, 0.1216
CMYK	0.54, 0.65, 0.00, 0.12
HSL	250°, 70%, 59%
HSV	250°, 65%, 88%
XYZ	21.9594, 13.9168, 72.0498
YIQ	103.0050, -31.6450, 50.3950

Conversions

Conversions Part 2

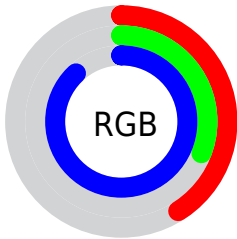
Format	Color
R_{YB}	104, 79, 224
Decimal	6836192
CIE _{Lab}	44.11, 47.70, -70.64
CIE _{LCh}	44, 85.234, 304.028
Yxy	13.9168, 0.2035, 0.1289
Android (android.graphics.Color)	4285026272 (0xFF684FE0)
YUV	103.0050, 59.6505, 0.8726
Hunter-Lab	37.3053, 39.7883, -88.3965

Details

The Hex color **684FE0** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **C7E04F**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **A482FF**, and **211FA8** is the 20% darker color. If you saturate the color by 10%, you get **5539E0**, and if you desaturate by 10%, it is **7B65E0**.

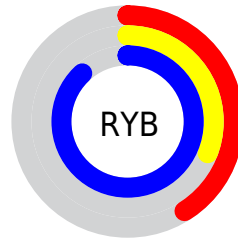
Distribution



Red (41%)

Green (31%)

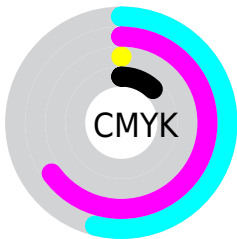
Blue (88%)



Red (41%)

Yellow (31%)

Blue (88%)

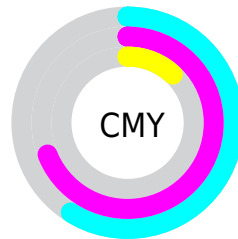


Cyan (54%)

Magenta (65%)

Yellow (0%)

Black (12%)



Cyan (59%)

Magenta (69%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684FE0 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Hex color 684FE0 by changing the saturation by 10% instead.

 684FE0

 684FE0

FFFFFF

 4837C3

 A482FF

 211FA8

 C29CFF

 00078C

 E0B7FF

 000072

 FFD3FF

 000058

 FFF0FF

 000740

 000329

 000113

 000000

684FE0

684FE0

5539E0

7B65E0

4322E0

8D7CE0

300CE0

A092E0

2700E0

B2A9E0

C5BFE0

D7D5E0

EAECE0

FCFFE0

FFFFE0

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



0070F9



684FE0



C000A8

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



684FE0



AF4A00



008470

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



684FE0



C7E04F

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



008122



684FE0



776900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



684FE0



D4001D



237900



0084B7

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



684FE0



D9007A



237900



008357

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



684FE0



D7CFFF



4FC8E0



676280



000000



808080

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



684FE0



5A38FF



B04FE0



676570



1E00B0



080030

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



E04FC7



FF38DD



7FE04F



70656E



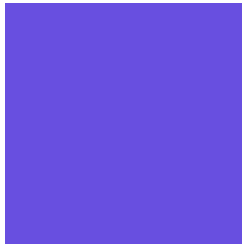
B00092



300028

Previews

White Background



This preview shows how the Hex color 684FE0 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 684FE0 Background



This preview shows how black text looks on a background with the Hex color 684FE0.

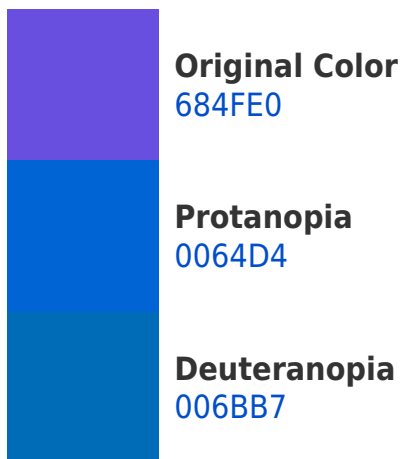


This preview shows how white text looks on a background with the Hex color 684FE0.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

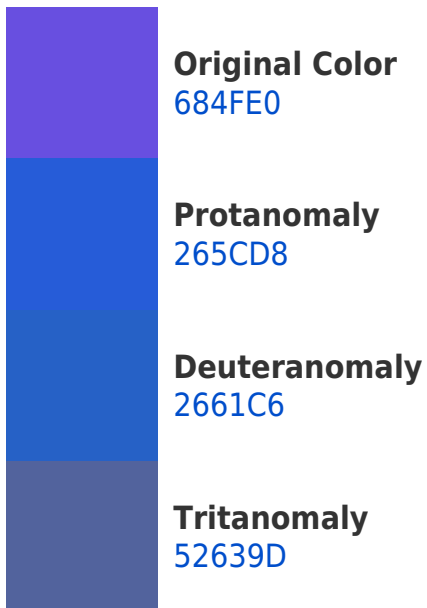
Dichromacy



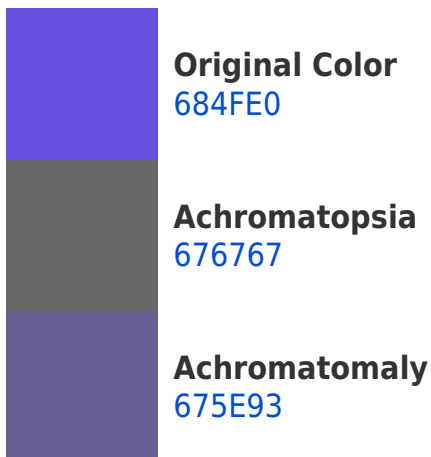


Tritanopia
456F77

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 684FE0 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color #684FE0 looks like.

```
.text, #text, p{  
    color:#684FE0  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel #684FE0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684FE0
}
```

Border

The CSS property to change the border of an element to Hex 684FE0 is called "border". The border property can be set on classes, ids or directly on the HTML element.

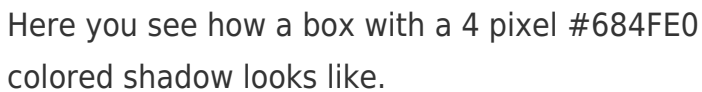
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684FE0 }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:#684FE0 }
```

If you want to add a box shadow in that color use:



Here you see how a box with a 4 pixel #684FE0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684FE0; -webkit-box-shadow:4px 4px  
4px 4px #684FE0; box-shadow:4px 4px 4px  
4px #684FE0 }
```

Background

The CSS property to change the background color of an element to Hex 684FE0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684FE0 }
```

If only the background color should be changed can be used:

```
.background{ background-color:#684FE0 }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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