

Converting Colors

Hex(684EFF)

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

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Color

Hex(684EFF)

Conversions

Conversions Part 1

Format	Color
Hex	684EFF
RGB	104, 78, 255
RGB Percent	41%, 31%, 100%
CMY	0.5922, 0.6941, 0.0000
CMYK	0.59, 0.69, 0.00, 0.00
HSL	249°, 100%, 65%
HSV	249°, 69%, 100%
XYZ	26.4833, 15.6118, 96.2253
YIQ	105.9520, -41.3210, 60.5590

Conversions

Conversions Part 2

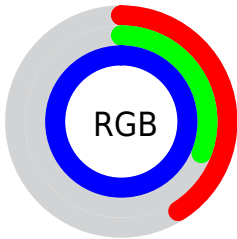
Format	Color
R_{YB}	104, 78, 255
Decimal	6835967
CIE _{Lab}	46.46, 57.35, -84.24
CIE _{LCh}	46, 101.904, 304.245
Yxy	15.6118, 0.1915, 0.1129
Android (android.graphics.Color)	4285026047 (0xFF684EFF)
YUV	105.9520, 73.4807, -1.7119
Hunter-Lab	39.5118, 50.4963, -116.7339

Details

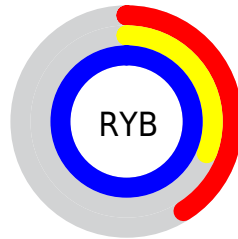
The Hex color **684EFF** is a dark color, and the websafe version is hex **6633FF**. The color can be described as middle washed purple. A complement of this color would be **E5FF4E**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A881FF**, and **061CC5** is the 20% darker color. If you saturate the color by 10%, you get **5235FF**, and if you desaturate by 10%, it is **7E68FF**.

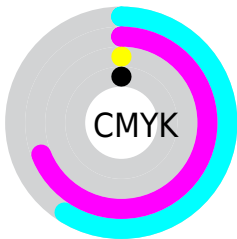
Distribution



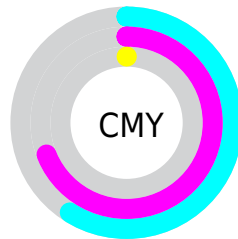
- Red (41%)
- Green (31%)
- Blue (100%)



- Red (41%)
- Yellow (31%)
- Blue (100%)



- Cyan (59%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (59%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684EFF 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 684EFF by changing the saturation by 10% instead.

 684EFF

 684EFF

FFFFFF

 4435E2

 A881FF

 061CC5

 C89CFF

 0000A9

 E7B8FF

 00008D

 FFD4FF

 000073

 FFF1FF

 000D59

 000740

 000329

 000114

 684EFF

 684EFF

 5235FF

 7E68FF

 3C1BFF

 9481FF

 2702FF

 A99BFF

 2500FF

 BFB4FF

 D5CEFF

 EBE7FF

FFFFFF

Harmonies

Analogous

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



0078FF



684EFF



D700BA

Triad

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



684EFF



BF4900



008D79

Complementary

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



684EFF



E5FF4E

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.



008A14



684EFF



7C7000

Square

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



684EFF



EC0010



008200



008ECE

Rectangle

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



684EFF



F40083



008200



008C5A

Sweetspot

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



684EFF



D1C9FF



4EE7FF



646080



000000



808080

Same Dimension

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



684EFF



4A2BFF



BE4EFF



757380



1C00BF



090040

Inverse Universe

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



FF4EE5



FF2BE0



8FFF4E



80737E



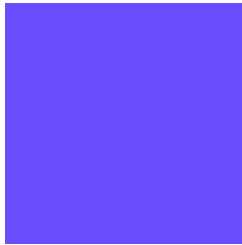
BF00A3



400036

Previews

White Background



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

Color Contrast Check

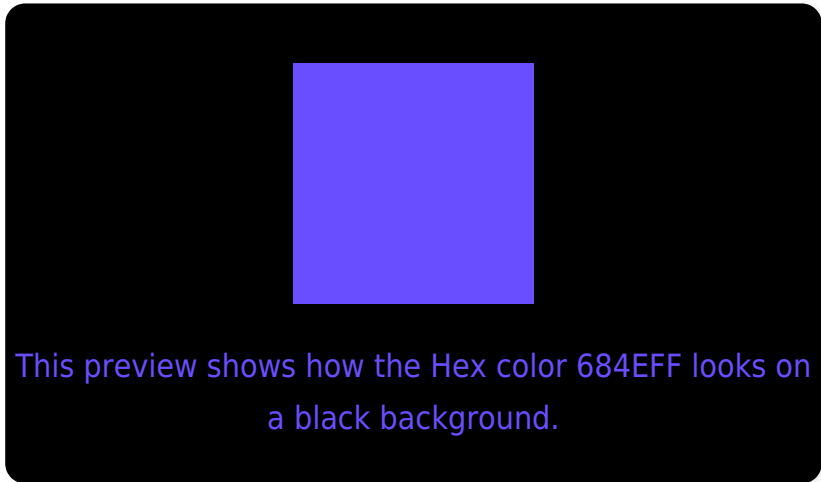
Large Text (above 18pt) WCAG AA ✓ Pass

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

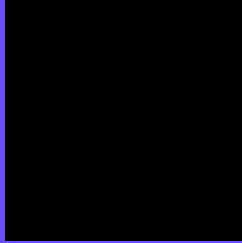
Any Text WCAG AA × Fail

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 684EFF Background



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

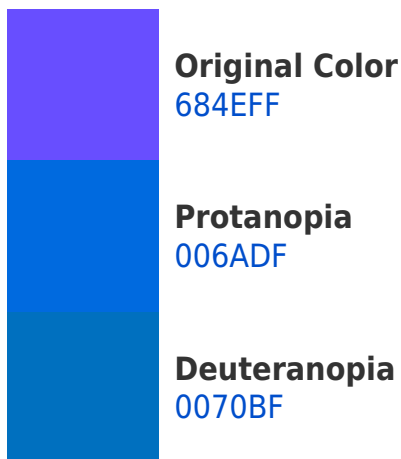


This preview shows how white text looks on a background with the Hex color 684EFF.

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



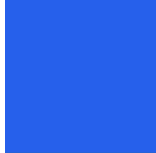


Tritanopia
307781

Trichromacy



Original Color
684EFF



Protanomaly
2660EB



Deuteranomaly
2664D6



Tritanomaly
4468AF

Monochromacy



Original Color
684EFF



Achromatopsia
6A6A6A



Achromatomaly
6960A0

CSS Examples

Text

The CSS property to change the color of the text to Hex 684EFF 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 #684EFF looks like.

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

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 #684EFF colored shadow looks like.

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

Border

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

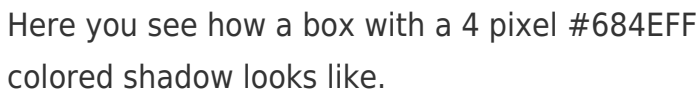
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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