

Converting Colors

Hex(684FF6)

Have a look what the booklet for
Hex(684FF6) contains.

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Color

Hex(684FF6)

Conversions

Conversions Part 1

Format	Color
Hex	684FF6
RGB	104, 79, 246
RGB Percent	41%, 31%, 96%
CMY	0.5922, 0.6902, 0.0353
CMYK	0.58, 0.68, 0.00, 0.04
HSL	249°, 90%, 64%
HSV	249°, 68%, 96%
XYZ	25.1395, 15.1888, 88.7955
YIQ	105.5130, -38.7070, 57.2370

Conversions

Conversions Part 2

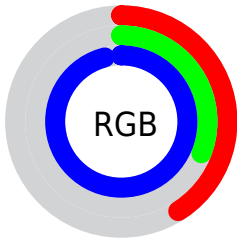
Format	Color
R_{YB}	104, 79, 246
Decimal	6836214
CIE _{Lab}	45.89, 54.18, -80.15
CIE _{LCh}	46, 96.741, 304.059
Yxy	15.1888, 0.1947, 0.1176
Android (android.graphics.Color)	4285026294 (0xFF684FF6)
YUV	105.5130, 69.2601, -1.3269
Hunter-Lab	38.9729, 46.9390, -107.8049

Details

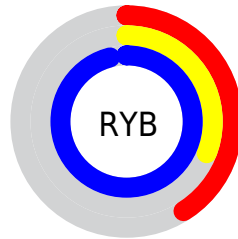
The Hex color **684FF6** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle washed purple. A complement of this color would be **DDF64F**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **A782FF**, and **121EBC** is the 20% darker color. If you saturate the color by 10%, you get **5336F6**, and if you desaturate by 10%, it is **7D68F6**.

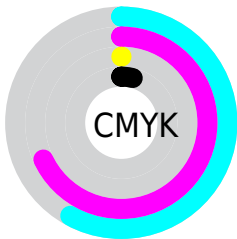
Distribution



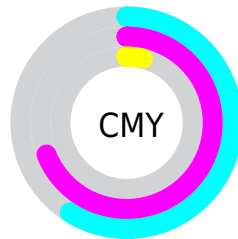
- Red (41%)
- Green (31%)
- Blue (96%)



- Red (41%)
- Yellow (31%)
- Blue (96%)



- Cyan (58%)
- Magenta (68%)
- Yellow (0%)
- Black (4%)



- Cyan (59%)
- Magenta (69%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Hex color 684FF6 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 684FF6 by changing the saturation by 10% instead.

 684FF6

 684FF6

FFFFFF

 4536D9


 A782FF

 121EBC

 C69DFF

 0004A0

 E5B8FF

 000085


 FFD4FF

 00006B

 FFF1FF

 000B52

 00053A

 000223

 00000A

684FF6

684FF6

5336F6

7D68F6

3E1EF6

9280F6

2905F6

A799F6

2500F6

BCB1F6

D1CAF6

E6E3F6

FAFBF6

FFFFFF6

Harmonies

Analogous

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



0076FF



684FF6



D000B5

Triad

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



684FF6



BB4900



008B76

Complementary

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



684FF6



DDF64F

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.



008719



684FF6



7B6E00

Square

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



684FF6



E50015



0B8000



008CC7

Rectangle

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



684FF6



EC0081



0B8000



008A5A

Sweetspot

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



684FF6



D4CCFF



4FE0F6



656180



000000



808080

Same Dimension

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



684FF6



4F30FF



B94FF6



706E7A



1C00BA



09003B

Inverse Universe

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



F64FDD



FF30E0



8CF64F



7A6E79



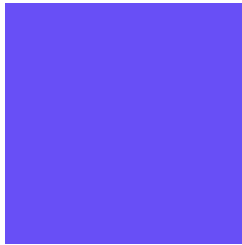
BA009E



3B0032

Previews

White Background



This preview shows how the Hex color 684FF6 looks on a white background.

Color Contrast Check

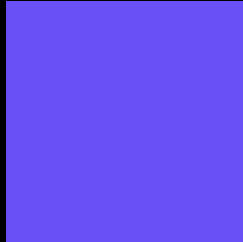
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 684FF6 looks on a 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 684FF6 Background



This preview shows how black text looks on a background with the Hex color 684FF6.




This preview shows how white text looks on a background with the Hex color 684FF6.

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](#).

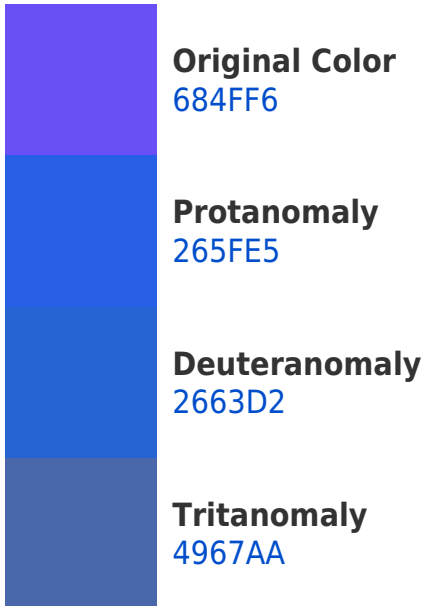
Dichromacy





Tritanopia
38757F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 684FF6 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 #684FF6 looks like.

```
.text, #text, p{  
    color:#684FF6  
}
```

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 #684FF6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #684FF6
}
```

Border

The CSS property to change the border of an element to Hex 684FF6 is called "border". The border property can be set on classes, ids or directly on the HTML element.

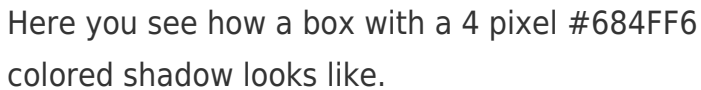
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#684FF6 }
```

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

```
.border{ border-color:#684FF6 }
```

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



Here you see how a box with a 4 pixel #684FF6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #684FF6; -webkit-box-shadow:4px 4px  
4px 4px #684FF6; box-shadow:4px 4px 4px  
4px #684FF6 }
```

Background

The CSS property to change the background color of an element to Hex 684FF6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#684FF6 }
```

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

```
.background{ background-color:#684FF6 }
```

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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