

Converting Colors

Hex(6750FF)

Have a look what the booklet for
Hex(6750FF) contains.

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Color

Hex(6750FF)

Conversions

Conversions Part 1

Format	Color
Hex	6750FF
RGB	103, 80, 255
RGB Percent	40%, 31%, 100%
CMY	0.5961, 0.6863, 0.0000
CMYK	0.60, 0.69, 0.00, 0.00
HSL	248°, 100%, 66%
HSV	248°, 69%, 100%
XYZ	26.5122, 15.8409, 96.2680
YIQ	106.8270, -42.4670, 59.3010

Conversions

Conversions Part 2

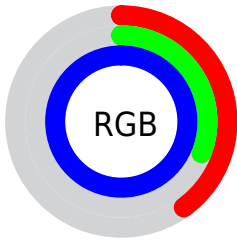
Format	Color
RYB	103, 80, 255
Decimal	6770943
CIELab	46.77, 56.15, -83.74
CIELCh	47, 100.826, 303.844
Yxy	15.8409, 0.1913, 0.1143
Android (android.graphics.Color)	4284961023 (0xFF6750FF)
YUV	106.8270, 73.0493, -3.3563
Hunter-Lab	39.8006, 49.2522, -115.5477

Details

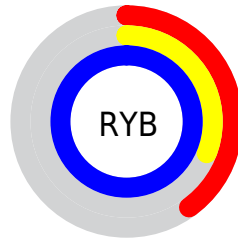
The Hex color **6750FF** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **E8FF50**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **A783FF**, and **021FC5** is the 20% darker color. If you saturate the color by 10%, you get **5137FF**, and if you desaturate by 10%, it is **7D6AFF**.

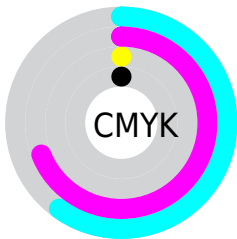
Distribution



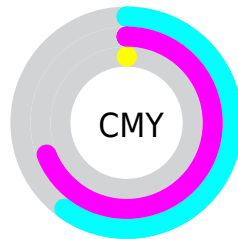
- Red (40%)
- Green (31%)
- Blue (100%)



- Red (40%)
- Yellow (31%)
- Blue (100%)



- Cyan (60%)
- Magenta (69%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (69%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6750FF 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 6750FF by changing the saturation by 10% instead.

 6750FF

 6750FF

FFFFFF

 4337E2

 A783FF

 021FC5

 C79EFF

 0004A9

 E6BAFF

 00008D

 FFD6FF

 000073

 FFF2FF

 000D59

 000741

 00032A

 000114

■ 6750FF

■ 6750FF

■ 5137FF

■ 7D6AFF

■ 3B1DFF

■ 9383FF

■ 2504FF

■ A99DFF

■ 2200FF

■ C0B6FF

■ D6D0FF

■ ECE9FF

FFFFFF

Harmonies

Analogous

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



0079FF



6750FF



D600BB

Triad

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



6750FF



C04900



008E78

Complementary

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



6750FF



E8FF50

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.



008A15



6750FF



7E7000

Square

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



6750FF



EC0014



008200



008FCD

Rectangle

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



6750FF



F30084



008200



008D5A

Sweetspot

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



6750FF



D0C9FF



50EBFF



646080



000000



808080

Same Dimension

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



6750FF



492EFF



BC50FF



747380



1900BF



080040

Inverse Universe

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



FF50E8



FF2EE4



93FF50



80737E



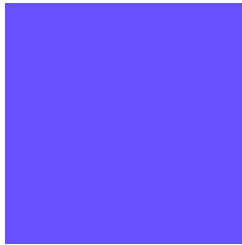
BF00A6



400037

Previews

White Background



This preview shows how the Hex color 6750FF looks on a white background.

Color Contrast Check

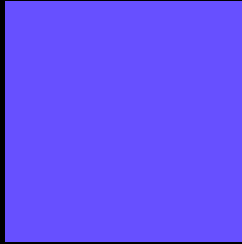
Large Text (above 18pt) WCAG AA ✓ Pass

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 6750FF 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 6750FF Background



This preview shows how black text looks on a background with the Hex color 6750FF.

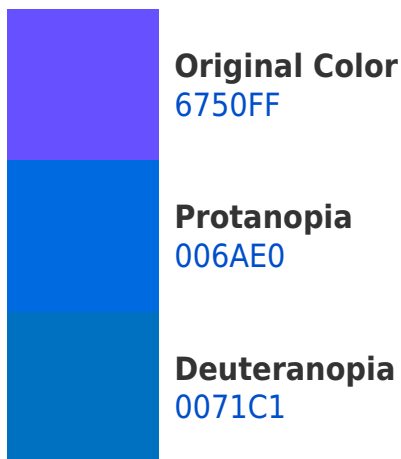


This preview shows how white text looks on a background with the Hex color 6750FF.

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](#).

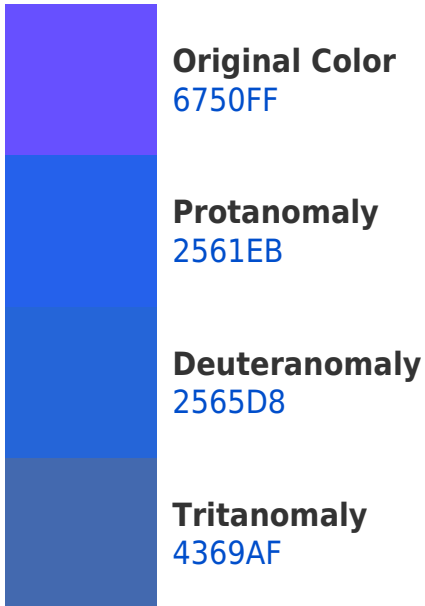
Dichromacy



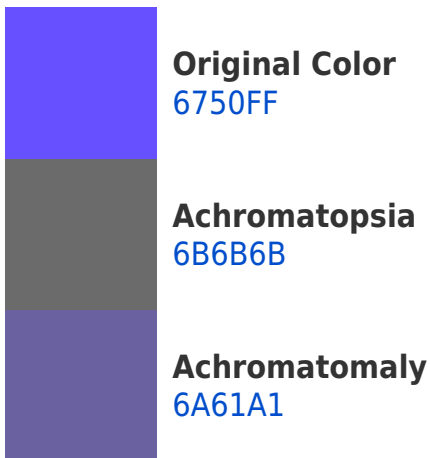


Tritanopia
2E7882

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6750FF 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 #6750FF looks like.

```
.text, #text, p{  
    color:#6750FF  
}
```

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 #6750FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6750FF
}
```

Border

The CSS property to change the border of an element to Hex 6750FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

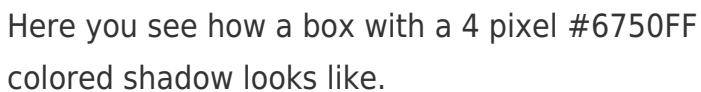
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6750FF }
```

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

```
.border{ border-color:#6750FF }
```

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



Here you see how a box with a 4 pixel #6750FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6750FF; -webkit-box-shadow:4px 4px  
4px 4px #6750FF; box-shadow:4px 4px 4px  
4px #6750FF }
```

Background

The CSS property to change the background color of an element to Hex 6750FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6750FF }
```

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

```
.background{ background-color:#6750FF }
```

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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