

Converting Colors

Hex(6767FF)

Have a look what the booklet for
Hex(6767FF) contains.

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Color

Hex(6767FF)

Conversions

Conversions Part 1

Format	Color
Hex	6767FF
RGB	103, 103, 255
RGB Percent	40%, 40%, 100%
CMY	0.5961, 0.5961, 0.0000
CMYK	0.60, 0.60, 0.00, 0.00
HSL	240°, 100%, 70%
HSV	240°, 60%, 100%
XYZ	28.4938, 19.8041, 96.9285
YIQ	120.3280, -48.7920, 47.2720

Conversions

Conversions Part 2

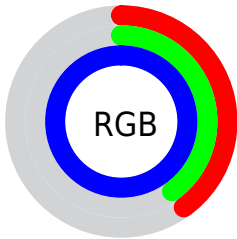
Format	Color
RYB	103, 103, 255
Decimal	6776831
CIELab	51.61, 43.19, -75.82
CIElCh	52, 87.258, 299.670
Yxy	19.8041, 0.1962, 0.1364
Android (android.graphics.Color)	4284966911 (0xFF6767FF)
YUV	120.3280, 66.3933, -15.1967
Hunter-Lab	44.5018, 36.4126, -97.9873

Details

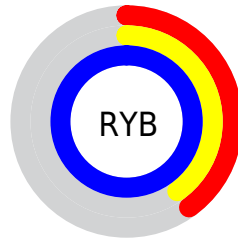
The Hex color **6767FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFFF67**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **A69AFF**, and **0E38C5** is the 20% darker color. If you saturate the color by 10%, you get **4E4EFF**, and if you desaturate by 10%, it is **8181FF**.

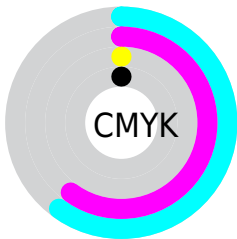
Distribution



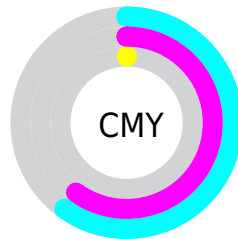
- Red (40%)
- Green (40%)
- Blue (100%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 6767FF 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 6767FF by changing the saturation by 10% instead.

 6767FF

 6767FF

FFFFFF

 444FE2

 A69AFF

 0E38C5

 C5B5FF

 0022A9

 E4D1FF

 000E8E

 FFEDFF

 000073

 00085A

 000741

 00032A

 000114

■ 6767FF

■ 6767FF

■ 4E4EFF

■ 8181FF

■ 3434FF

■ 9A9AFF

■ 1A1AFF

■ B3B3FF

■ 0101FF

■ CDCDFF

■ 0000FF

■ E7E7FF

FFFFFF

Harmonies

Analogous

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



0086FF



6767FF



D032C8

Triad

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



6767FF



CF5600



009978

Complementary

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



6767FF



FFFF67

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.



009525



6767FF



977800

Square

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



6767FF



F21736



4A8B00



0099C4

Rectangle

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



6767FF



EF0098



4A8B00



00985E

Sweetspot

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



6767FF



D1D1FF



67FFFF



636380



000000



808080

Same Dimension

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



6767FF



4747FF



B367FF



737380



0000BF



000040

Inverse Universe

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



FF67FF



FF47FF



B3FF67



807380



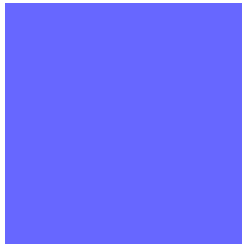
BF00BF



400040

Previews

White Background



This preview shows how the Hex color 6767FF looks on a white background.

Color Contrast Check

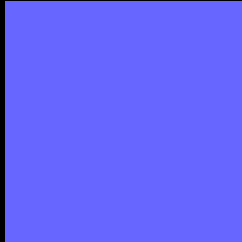
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6767FF looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

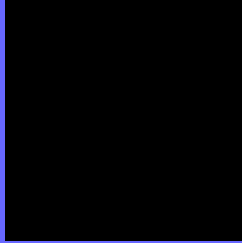
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 6767FF Background



This preview shows how black text looks on a background with the Hex color 6767FF.

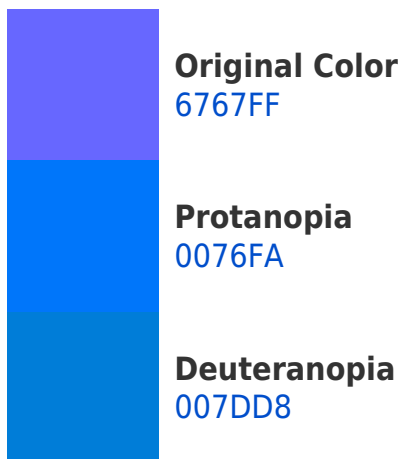


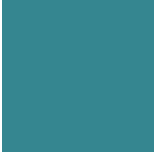
This preview shows how white text looks on a background with the Hex color 6767FF.

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](#).

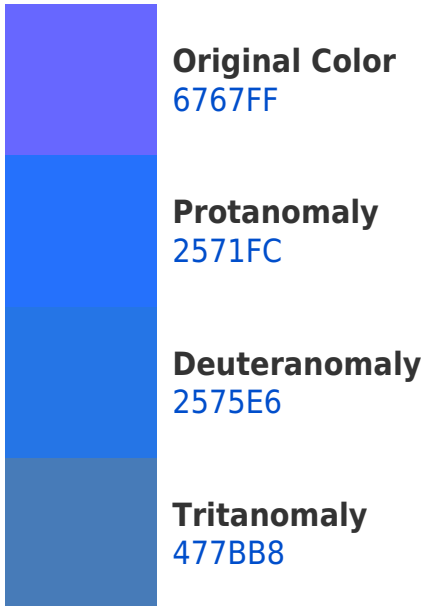
Dichromacy





Tritanopia
358690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6767FF 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 #6767FF looks like.

```
.text, #text, p{  
    color:#6767FF  
}
```

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 #6767FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6767FF
}
```

Border

The CSS property to change the border of an element to Hex 6767FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

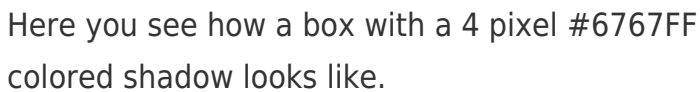
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6767FF }
```

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

```
.border{ border-color:#6767FF }
```

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



Here you see how a box with a 4 pixel #6767FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6767FF; -webkit-box-shadow:4px 4px  
4px 4px #6767FF; box-shadow:4px 4px 4px  
4px #6767FF }
```

Background

The CSS property to change the background color of an element to Hex 6767FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6767FF }
```

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

```
.background{ background-color:#6767FF }
```

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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