

Converting Colors

Hex(6670FF)

Have a look what the booklet for
Hex(6670FF) contains.

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Color

Hex(6670FF)

Conversions

Conversions Part 1

Format	Color
Hex	6670FF
RGB	102, 112, 255
RGB Percent	40%, 44%, 100%
CMY	0.6000, 0.5608, 0.0000
CMYK	0.60, 0.56, 0.00, 0.00
HSL	236°, 100%, 70%
HSV	236°, 60%, 100%
XYZ	29.3237, 21.6331, 97.2378
YIQ	125.3120, -51.8630, 42.3530

Conversions

Conversions Part 2

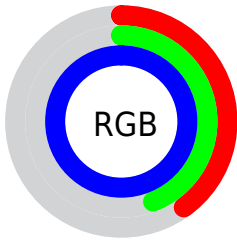
Format	Color
R _Y B	102, 111, 255
Decimal	6713599
CIE Lab	53.64, 37.70, -72.54
CIE LCh	54, 81.751, 297.463
Yxy	21.6331, 0.1979, 0.1460
Android (android.graphics.Color)	4284903679 (0xFF6670FF)
YUV	125.3120, 63.9362, -20.4446
Hunter-Lab	46.5114, 31.1424, -91.3950

Details

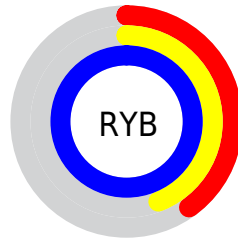
The Hex color **6670FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFF566**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A5A4FF**, and **0D40C5** is the 20% darker color. If you saturate the color by 10%, you get **4D58FF**, and if you desaturate by 10%, it is **8088FF**.

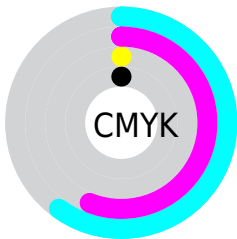
Distribution



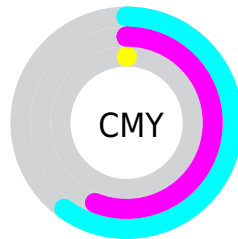
- Red (40%)
- Green (44%)
- Blue (100%)



- Red (40%)
- Yellow (44%)
- Blue (100%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)
- Black (0%)



- Cyan (60%)
- Magenta (56%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6670FF 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 6670FF by changing the saturation by 10% instead.

 6670FF

 6670FF

FFFFFF

 4358E2

 A5A4FF

 0D40C5

 C3BFFF

 002BA9

 E2DBFF

 00178E

 FFF7FF

 000374

 00055A

 000741

 00032A

 000115

■ 6670FF

■ 6670FF

■ 4D58FF

■ 8088FF

■ 3340FF

■ 99A0FF

■ 1928FF

■ B3B7FF

■ 0011FF

■ CCCFFF

■ E6E7FF

FFFFFF

Harmonies

Analogous

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



008BFF



6670FF



CC45CD

Triad

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



6670FF



D55C00



009D78

Complementary

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



6670FF



FFF566

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.



00992B



6670FF



A17B00

Square

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



6670FF



F42E44



5B8F00



009EC0

Rectangle

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



6670FF



EC23A1



5B8F00



009C5F

Sweetspot

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



6670FF



D1D4FF



66FFF5



636580



000000



808080

Same Dimension

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



6670FF



4753FF



A866FF



737480



000CBF



000440

Inverse Universe

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



FF6670



FF4753



BDFF66



807374



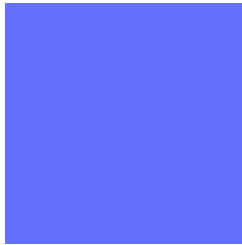
BF000C



400004

Previews

White Background



This preview shows how the Hex color 6670FF looks on a white background.

Color Contrast Check

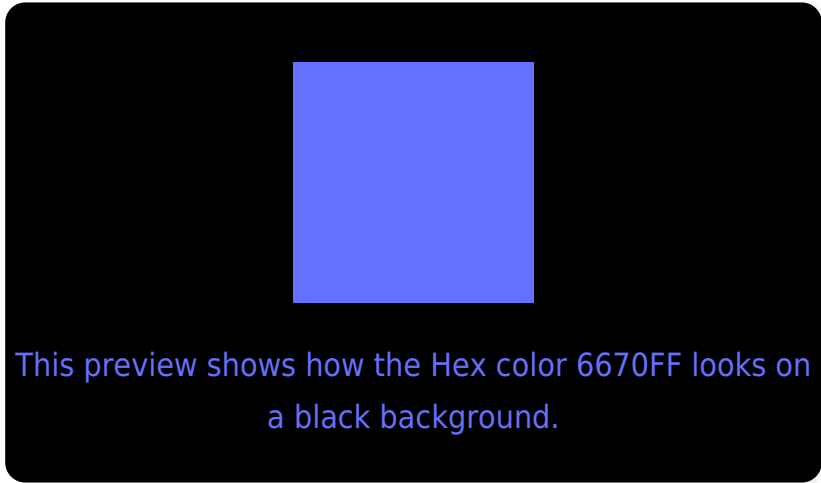
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

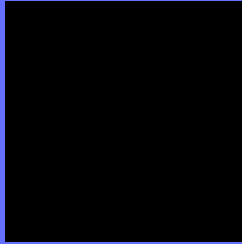
Any Text WCAG AA ✓ Pass

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 6670FF Background



This preview shows how black text looks on a background with the Hex color 6670FF.

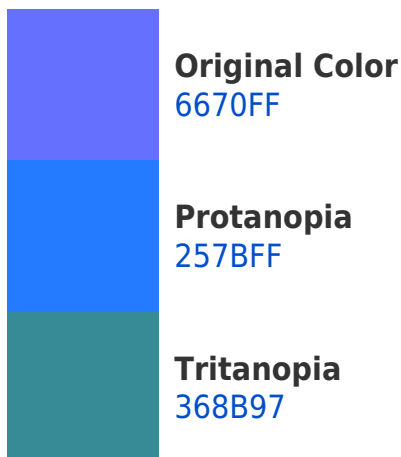


This preview shows how white text looks on a background with the Hex color 6670FF.

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



Trichromacy



Original Color
6670FF

Protanomaly
3D77FF

Tritanomaly
4781BD

Monochromacy



Original Color
6670FF

Achromatopsia
7D7D7D

Achromatomaly
7578AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 6670FF 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 #6670FF looks like.

```
.text, #text, p{  
    color:#6670FF  
}
```

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 #6670FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6670FF
}
```

Border

The CSS property to change the border of an element to Hex 6670FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

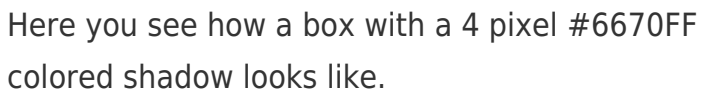
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6670FF }
```

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

```
.border{ border-color:#6670FF }
```

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



Here you see how a box with a 4 pixel #6670FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6670FF; -webkit-box-shadow:4px 4px  
4px 4px #6670FF; box-shadow:4px 4px 4px  
4px #6670FF }
```

Background

The CSS property to change the background color of an element to Hex 6670FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6670FF }
```

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

```
.background{ background-color:#6670FF }
```

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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