

Converting Colors

Hex(6667FF)

Have a look what the booklet for
Hex(6667FF) contains.

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Color

Hex(6667FF)

Conversions

Conversions Part 1

Format	Color
Hex	6667FF
RGB	102, 103, 255
RGB Percent	40%, 40%, 100%
CMY	0.6000, 0.5961, 0.0000
CMYK	0.60, 0.60, 0.00, 0.00
HSL	240°, 100%, 70%
HSV	240°, 60%, 100%
XYZ	28.3797, 19.7453, 96.9232
YIQ	120.0290, -49.3880, 47.0600

Conversions

Conversions Part 2

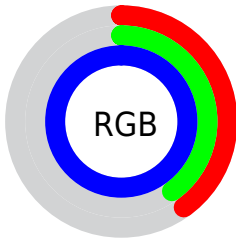
Format	Color
RYB	102, 103, 255
Decimal	6711295
CIELab	51.55, 43.03, -75.93
CIELCh	52, 87.277, 299.543
Yxy	19.7453, 0.1957, 0.1361
Android (android.graphics.Color)	4284901375 (0xFF6667FF)
YUV	120.0290, 66.5407, -15.8114
Hunter-Lab	44.4357, 36.2403, -98.2186

Details

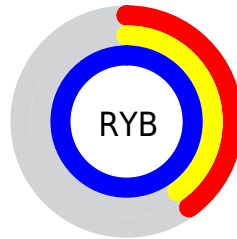
The Hex color **6667FF** is a light color, and the websafe version is hex **6666FF**. A complement of this color would be **FFFE66**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **A59AFF**, and **0938C5** is the 20% darker color. If you saturate the color by 10%, you get **4D4EFF**, and if you desaturate by 10%, it is **8080FF**.

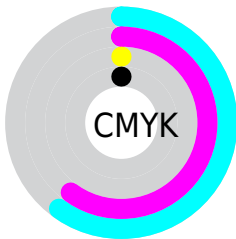
Distribution



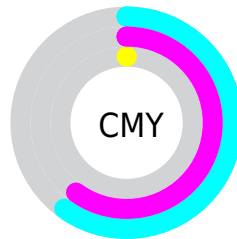
- Red (40%)
- Green (40%)
- Blue (100%)



- 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 6667FF 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 6667FF by changing the saturation by 10% instead.

 6667FF

 6667FF

FFFFFF

 434FE2

 A59AFF

 0938C5

 C4B5FF

 0022A9

 E3D1FF

 000E8E

 FFEDFF

 000073

 00085A

 000741

 00032A

 000114

■ 6667FF

■ 6667FF

■ 4D4EFF

■ 8080FF

■ 3334FF

■ 999AFF

■ 191BFF

■ B3B3FF

■ 0002FF

■ CCCCFF

■ E6E6FF

FFFFFF

Harmonies

Analogous

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



0086FF



6667FF



CF32C8

Triad

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



6667FF



CF5600



009978

Complementary

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



6667FF



FFFE66

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



6667FF



977800

Square

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



6667FF



F21637



4A8B00



0099C3

Rectangle

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



6667FF



EF0098



4A8B00



00985D

Sweetspot

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



6667FF



D1D1FF



66FFFC



636480



000000



808080

Same Dimension

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



6667FF



4749FF



B066FF



737380



0001BF



000040

Inverse Universe

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



FF6667



FF4749



B5FF66



807373



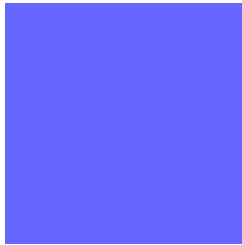
BF0001



400000

Previews

White Background



This preview shows how the Hex color 6667FF 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

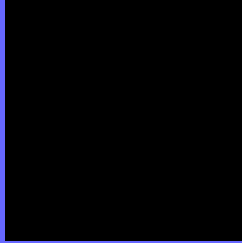
Any Text WCAG AA ✓ Pass

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 6667FF Background



This preview shows how black text looks on a background with the Hex color 6667FF.



This preview shows how white text looks on a background with the Hex color 6667FF.

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
6667FF



Protanomaly
2571FC

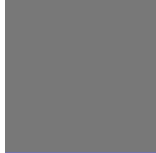


Tritanomaly
467BB8

Monochromacy



Original Color
6667FF



Achromatopsia
787878



Achromatomaly
7172A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 6667FF 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 #6667FF looks like.

```
.text, #text, p{  
    color:#6667FF  
}
```

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 #6667FF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6667FF
}
```

Border

The CSS property to change the border of an element to Hex 6667FF is called "border". The border property can be set on classes, ids or directly on the HTML element.

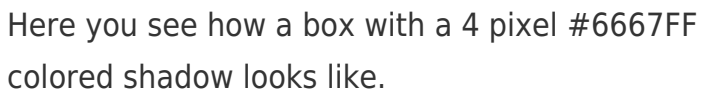
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6667FF }
```

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

```
.border{ border-color:#6667FF }
```

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



Here you see how a box with a 4 pixel #6667FF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6667FF; -webkit-box-shadow:4px 4px  
4px 4px #6667FF; box-shadow:4px 4px 4px  
4px #6667FF }
```

Background

The CSS property to change the background color of an element to Hex 6667FF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6667FF }
```

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

```
.background{ background-color:#6667FF }
```

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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