

Converting Colors

Hex(6677F3)

Have a look what the booklet for
Hex(6677F3) contains.

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Color

Hex(6677F3)

Conversions

Conversions Part 1

Format	Color
Hex	6677F3
RGB	102, 119, 243
RGB Percent	40%, 47%, 95%
CMY	0.6000, 0.5333, 0.0471
CMYK	0.58, 0.51, 0.00, 0.05
HSL	233°, 85%, 68%
HSV	233°, 58%, 95%
XYZ	28.2540, 22.4895, 87.6458
YIQ	128.0530, -49.9360, 34.9600

Conversions

Conversions Part 2

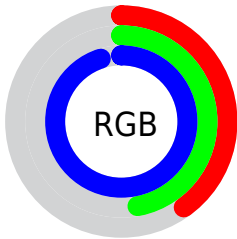
Format	Color
R _Y B	102, 117, 243
Decimal	6715379
CIE Lab	54.54, 29.63, -64.42
CIE LCh	55, 70.909, 294.702
Yxy	22.4895, 0.2042, 0.1625
Android (android.graphics.Color)	4284905459 (0xFF6677F3)
YUV	128.0530, 56.6689, -22.8485
Hunter-Lab	47.4231, 23.3572, -76.3816

Details

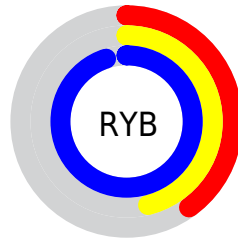
The Hex color **6677F3** is a light color, and the websafe version is hex **6666CC**. A complement of this color would be **F3E266**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **A3ABFF**, and **1A47BA** is the 20% darker color. If you saturate the color by 10%, you get **4E62F3**, and if you desaturate by 10%, it is **7E8CF3**.

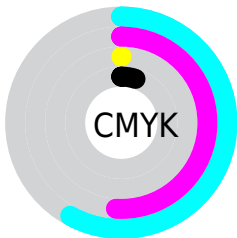
Distribution



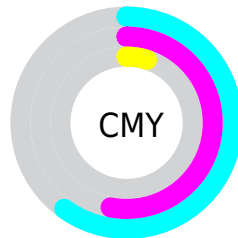
- Red (40%)
- Green (47%)
- Blue (95%)



- Red (40%)
- Yellow (46%)
- Blue (95%)



- Cyan (58%)
- Magenta (51%)
- Yellow (0%)
- Black (5%)



- Cyan (60%)
- Magenta (53%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6677F3 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 6677F3 by changing the saturation by 10% instead.

 6677F3

 6677F3

FFFFFF

 455ED6

 A3ABFF

 1A47BA

 C1C6FF

 00319E

 DFE2FF

 001D84

FEFFFF

 000A6A

 000650

 000538

 000222

 000008

■ 6677F3

■ 6677F3

■ 4E62F3

■ 7E8CF3

■ 354CF3

■ 97A2F3

■ 1D37F3

■ AFB7F3

■ 0522F3

■ C7CCF3

■ 001DF3

■ DFE2F3

■ F8F7F3

■ FFFFF3

Harmonies

Analogous

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



008DFE



6677F3



C158CA

Triad

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



6677F3



D36117



009D75

Complementary

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



6677F3



F3E266

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.



009835



6677F3



A67C00

Square

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



6677F3



EB4453



6C8E00



009EB4

Rectangle

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



6677F3



DF43A4



6C8E00



009C60

Sweetspot

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



6677F3



D4D9FF



66F3E0



666980



000000



808080

Same Dimension

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



6677F3



4D62FF



9A66F3



6E707A



0016BA



00073B

Inverse Universe

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



F36677



FF4D62



BFF366



7A6E70



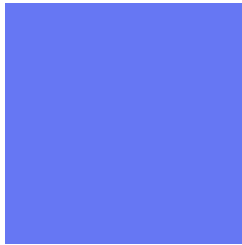
BA0016



3B0007

Previews

White Background



This preview shows how the Hex color 6677F3 looks on a white background.

Color Contrast Check

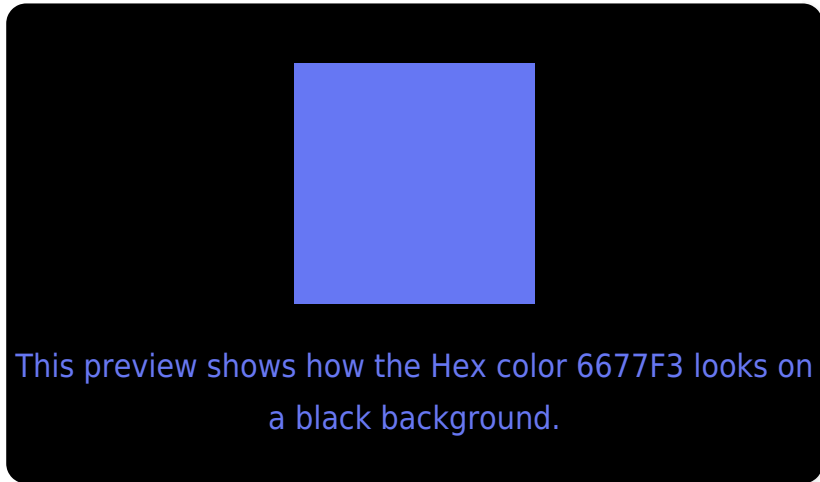
Large Text (above 18pt) WCAG AA ✓ Pass

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

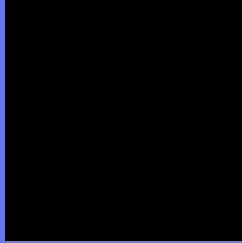
Any Text WCAG AA ✓ Pass

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 6677F3 Background



This preview shows how black text looks on a background with the Hex color 6677F3.



This preview shows how white text looks on a background with the Hex color 6677F3.

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](#).

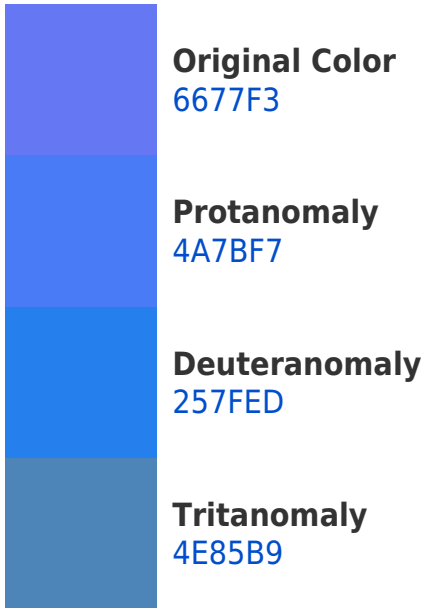
Dichromacy



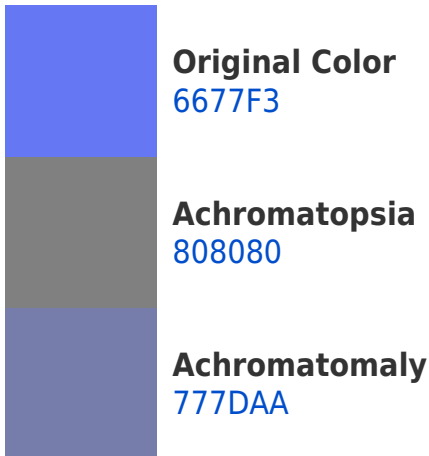


Tritanopia
418D98

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6677F3 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 #6677F3 looks like.

```
.text, #text, p{  
    color:#6677F3  
}
```

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 #6677F3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6677F3
}
```

Border

The CSS property to change the border of an element to Hex 6677F3 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
#6677F3 }
```

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

```
.border{ border-color:#6677F3 }
```

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

Here you see how a box with a 4 pixel #6677F3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6677F3; -webkit-box-shadow:4px 4px  
4px 4px #6677F3; box-shadow:4px 4px 4px  
4px #6677F3 }
```

Background

The CSS property to change the background color of an element to Hex 6677F3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6677F3 }
```

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

```
.background{ background-color:#6677F3 }
```

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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