

Converting Colors

Hex(6677DF)

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

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Color

Hex(6677DF)

Conversions

Conversions Part 1

Format	Color
Hex	6677DF
RGB	102, 119, 223
RGB Percent	40%, 47%, 87%
CMY	0.6000, 0.5333, 0.1255
CMYK	0.54, 0.47, 0.00, 0.13
HSL	232°, 65%, 64%
HSV	232°, 54%, 87%
XYZ	25.3956, 21.3461, 72.5938
YIQ	125.7730, -43.5160, 28.7400

Conversions

Conversions Part 2

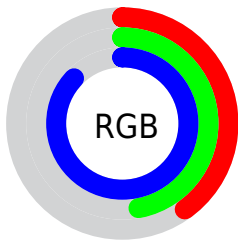
Format	Color
R _Y B	102, 117, 223
Decimal	6715359
CIE Lab	53.33, 23.22, -55.19
CIE LCh	53, 59.878, 292.817
Yxy	21.3461, 0.2128, 0.1789
Android (android.graphics.Color)	4284905439 (0xFF6677DF)
YUV	125.7730, 47.9329, -20.8489
Hunter-Lab	46.2019, 17.2620, -60.8169

Details

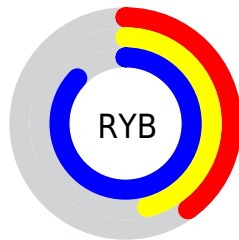
The Hex color **6677DF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DFCE66**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **A0ABFF**, and **2447A7** is the 20% darker color. If you saturate the color by 10%, you get **5064DF**, and if you desaturate by 10%, it is **7C8ADF**.

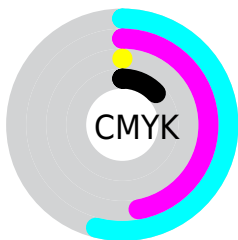
Distribution



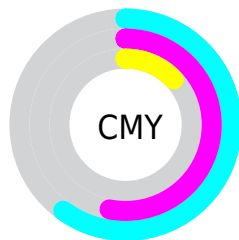
- Red (40%)
- Green (47%)
- Blue (87%)



- Red (40%)
- Yellow (46%)
- Blue (87%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (13%)



- Cyan (60%)
- Magenta (53%)
- Yellow (13%)

Brightness & Saturation Gradients

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

■ 6677DF

■ 6677DF

FFFFFF

■ 485EC3

■ A0ABFF

■ 2447A7

■ BEC6FF

■ 00318C

■ DBE2FF

■ 001D72

■ F9FFFF

■ 000659

■ 000741

■ 00032A

■ 000114

■ 000000

■ 6677DF

■ 6677DF

■ 5064DF

■ 7C8ADF

■ 3951DF

■ 939DDF

■ 233DDF

■ A9B1DF

■ 0D2ADF

■ BFC4DF

■ 001FDF

■ D6D7DF

■ ECEADF

■ FFFDDF

■ FFFFDF

Harmonies

Analogous

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



0089E6



6677DF



B15FBE

Triad

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



6677DF



C7632C



009771

Complementary

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



6677DF



DFCE66

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.



2A923D



6677DF



A37900

Square

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



6677DF



DA4F5B



72880C



0097A6

Rectangle

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



6677DF



CD519F



72880C



00955F

Sweetspot

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



6677DF



D6DCFF



66DFCD



676B80



000000



808080

Same Dimension

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



6677DF



5971FF



9066DF



656770



0019B0



000730

Inverse Universe

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



DF6677



FF5971



B5DF66



706567



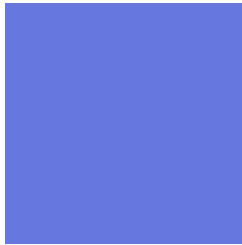
B00019



300007

Previews

White Background



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

Color Contrast Check

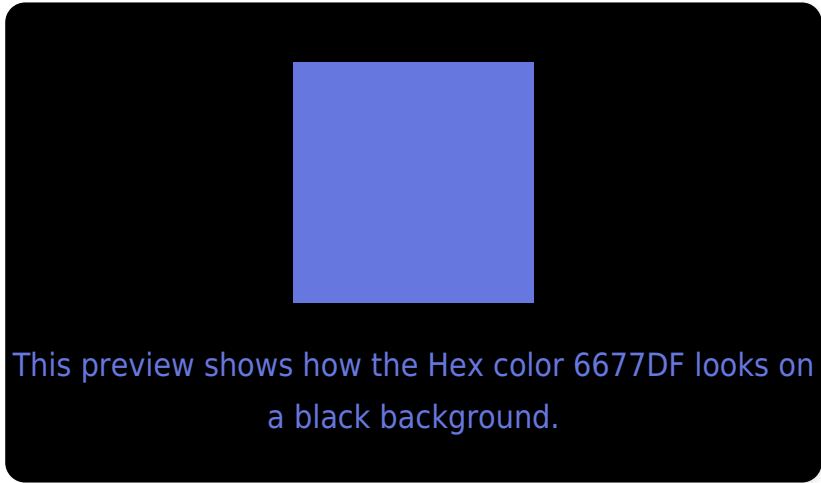
Large Text (above 18pt) WCAG AA ✓ Pass

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

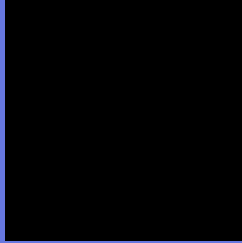
Any Text WCAG AA ✓ Pass

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 6677DF Background



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

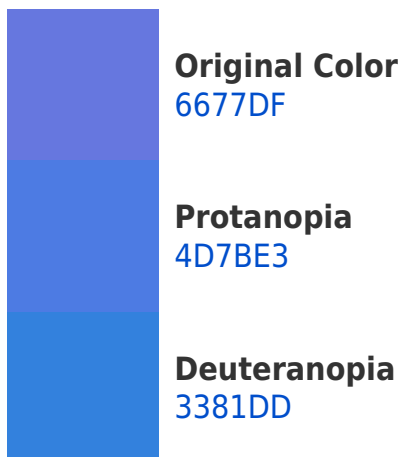


This preview shows how white text looks on a background with the Hex color 6677DF.

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](#).

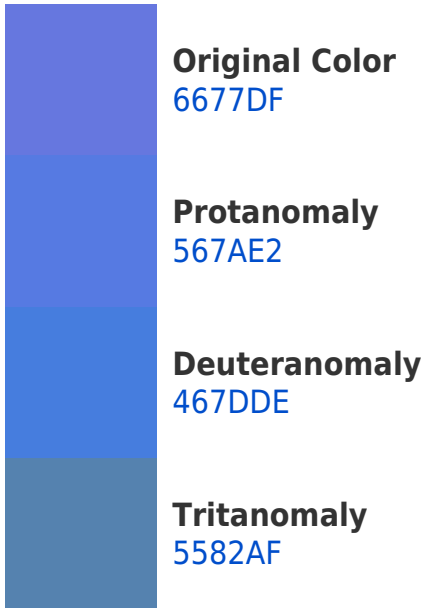
Dichromacy



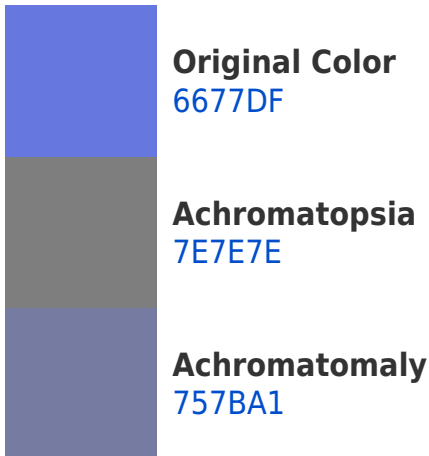


Tritanopia
4B8893

Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #6677DF colored shadow looks like.

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

Border

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

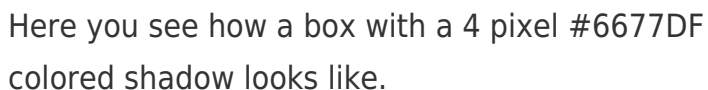
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6677DF }
```

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

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

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



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

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

Background

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

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

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

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

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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