

Converting Colors

Hex(6673DF)

Have a look what the booklet for
Hex(6673DF) contains.

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Color

Hex(6673DF)

Conversions

Conversions Part 1

Format	Color
Hex	6673DF
RGB	102, 115, 223
RGB Percent	40%, 45%, 87%
CMY	0.6000, 0.5490, 0.1255
CMYK	0.54, 0.48, 0.00, 0.13
HSL	234°, 65%, 64%
HSV	234°, 54%, 87%
XYZ	24.9295, 20.4140, 72.4384
YIQ	123.4250, -42.4160, 30.8320

Conversions

Conversions Part 2

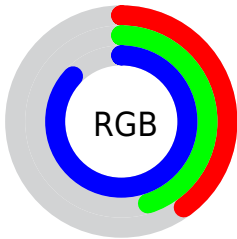
Format	Color
R _Y B	102, 114, 223
Decimal	6714335
CIE Lab	52.30, 25.65, -56.83
CIE LCh	52, 62.354, 294.293
Yxy	20.4140, 0.2117, 0.1733
Android (android.graphics.Color)	4284904415 (0xFF6673DF)
YUV	123.4250, 49.0905, -18.7897
Hunter-Lab	45.1818, 19.4209, -63.4303

Details

The Hex color **6673DF** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DFD266**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **A1A7FF**, and **2443A7** is the 20% darker color. If you saturate the color by 10%, you get **505FDF**, and if you desaturate by 10%, it is **7C87DF**.

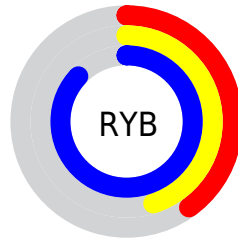
Distribution



Red (40%)

Green (45%)

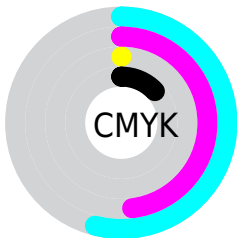
Blue (87%)



Red (40%)

Yellow (45%)

Blue (87%)

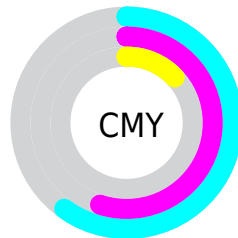


Cyan (54%)

Magenta (48%)

Yellow (0%)

Black (13%)



Cyan (60%)

Magenta (55%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6673DF 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 6673DF by changing the saturation by 10% instead.

■ 6673DF

■ 6673DF

FFFFFF

■ 475BC3

■ A1A7FF

■ 2443A7

■ BEC2FF

■ 002E8C

■ DBDEFF

■ 001A72

■ F9FAFF

■ 000159

■ 000740

■ 000329

■ 000113

■ 000000

■ 6673DF

■ 6673DF

■ 505FDF

■ 7C87DF

■ 394BDF

■ 939BDF

■ 2337DF

■ A9AFDF

■ 0D23DF

■ BFC3DF

■ 0018DF

■ D6D7DF

■ ECEADF

■ FFFEDF

■ FFFFDF

Harmonies

Analogous

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



0086E8



6673DF



B359BC

Triad

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



6673DF



C56023



009570

Complementary

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



6673DF



DFD266

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.



13903A



6673DF



9E7700

Square

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



6673DF



DA4A54



6C8700



0095A7

Rectangle

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



6673DF



CE4A9B



6C8700



00935E

Sweetspot

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



6673DF



D6DBFF



66DFD1



676A80



000000



808080

Same Dimension

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



6673DF



596BFF



9466DF



656670



0013B0



000530

Inverse Universe

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



DF6673



FF596B



B1DF66



706566



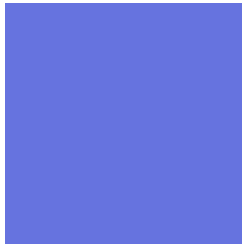
B00013



300005

Previews

White Background



This preview shows how the Hex color 6673DF looks on a white background.

Color Contrast Check

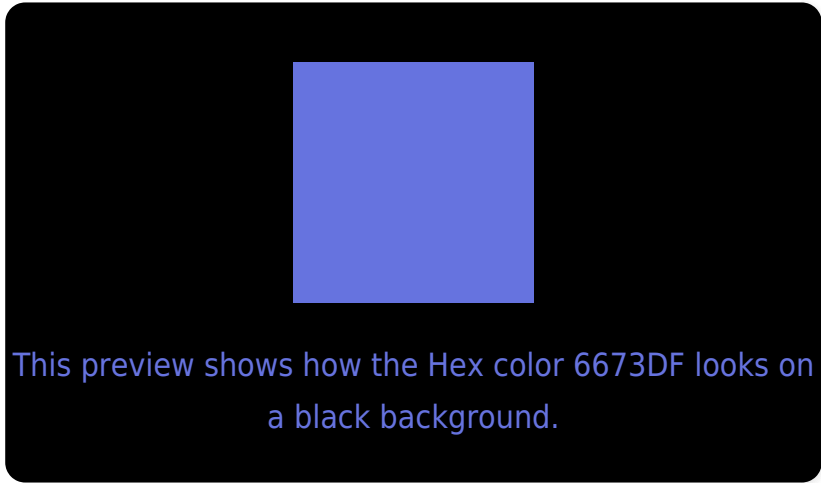
Large Text (above 18pt) WCAG AA ✓ Pass

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

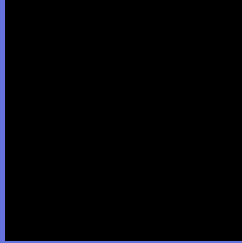
Any Text WCAG AA ✓ Pass

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 6673DF Background



This preview shows how black text looks on a background with the Hex color 6673DF.

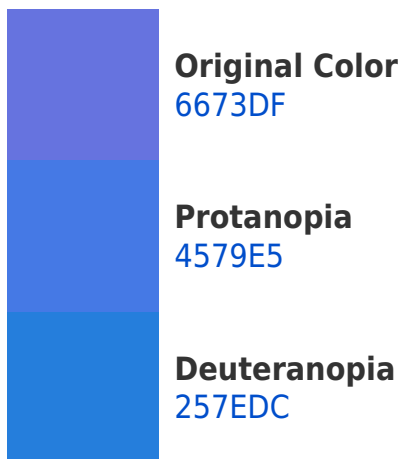



This preview shows how white text looks on a background with the Hex color 6673DF.

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](#).

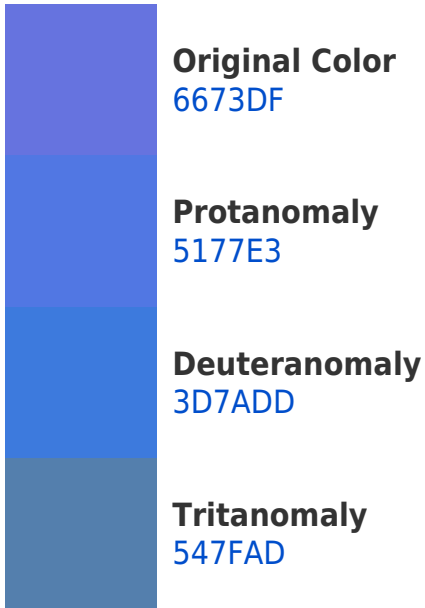
Dichromacy



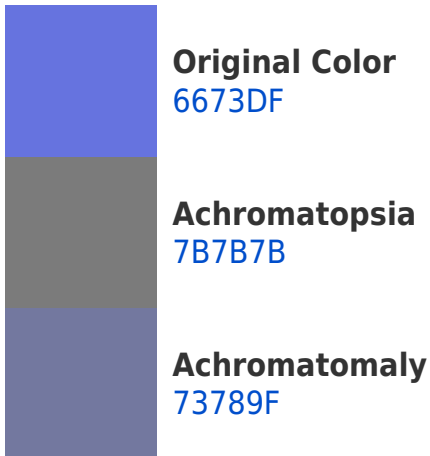


Tritanopia
4A8690

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6673DF 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 #6673DF looks like.

```
.text, #text, p{  
    color:#6673DF  
}
```

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 #6673DF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6673DF
}
```

Border

The CSS property to change the border of an element to Hex 6673DF is called "border". The border property can be set on classes, ids or directly on the HTML element.

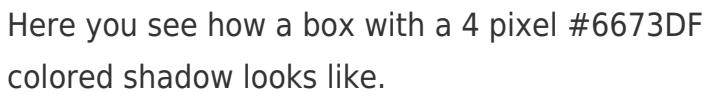
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6673DF }
```

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

```
.border{ border-color:#6673DF }
```

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



Here you see how a box with a 4 pixel #6673DF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6673DF; -webkit-box-shadow:4px 4px  
4px 4px #6673DF; box-shadow:4px 4px 4px  
4px #6673DF }
```

Background

The CSS property to change the background color of an element to Hex 6673DF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6673DF }
```

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

```
.background{ background-color:#6673DF }
```

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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