

Converting Colors

Hex(6673D3)

Have a look what the booklet for
Hex(6673D3) contains.

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Color

Hex(6673D3)

Conversions

Conversions Part 1

Format	Color
Hex	6673D3
RGB	102, 115, 211
RGB Percent	40%, 45%, 83%
CMY	0.6000, 0.5490, 0.1725
CMYK	0.52, 0.45, 0.00, 0.17
HSL	233°, 55%, 61%
HSV	233°, 52%, 83%
XYZ	23.3681, 19.7894, 64.2161
YIQ	122.0570, -38.5640, 27.1000

Conversions

Conversions Part 2

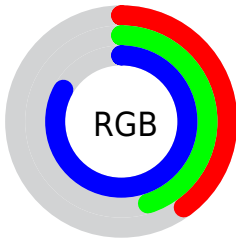
Format	Color
R_{YB}	102, 114, 211
Decimal	6714323
CIE _{Lab}	51.60, 21.86, -51.17
CIE _{LCh}	52, 55.647, 293.130
Yxy	19.7894, 0.2176, 0.1843
Android (android.graphics.Color)	4284904403 (0xFF6673D3)
YUV	122.0570, 43.8489, -17.5900
Hunter-Lab	44.4853, 15.9167, -54.4476

Details

The Hex color **6673D3** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D3C666**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **9FA7FF**, and **28439C** is the 20% darker color. If you saturate the color by 10%, you get **5160D3**, and if you desaturate by 10%, it is **7B86D3**.

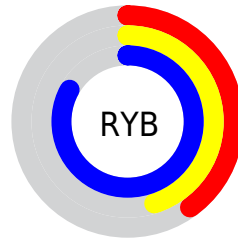
Distribution



Red (40%)

Green (45%)

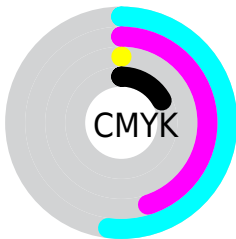
Blue (83%)



Red (40%)

Yellow (45%)

Blue (83%)

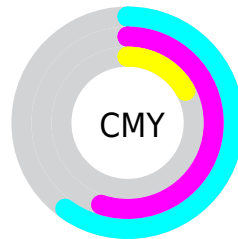


Cyan (52%)

Magenta (45%)

Yellow (0%)

Black (17%)



Cyan (60%)

Magenta (55%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6673D3 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 6673D3 by changing the saturation by 10% instead.

■ 6673D3

■ 6673D3

FFFFFF

■ 495BB7

■ 9FA7FF

■ 28439C

■ BCC2FF

■ 002E81

■ D9DEFF

■ 001A67

■ F7FAFF

■ 00004F

■ 000537

■ 000221

■ 000005

■ 000000

■ 6673D3

■ 6673D3

■ 5160D3

■ 7B86D3

■ 3C4ED3

■ 9098D3

■ 273BD3

■ A5ABD3

■ 1229D3

■ BABDD3

■ 0019D3

■ D0D0D3

■ E5E3D3

■ FAF5D3

■ FFFFD3

Harmonies

Analogous

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



0084DA



6673D3



AA5EB5

Triad

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



6673D3



BE622F



00916E

Complementary

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



6673D3



D3C666

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.



2E8C3E



6673D3



9C750D

Square

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



6673D3



D05059



6F8316



00919F

Rectangle

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



6673D3



C35198



6F8316



00905E

Sweetspot

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



6673D3



D9DDFF



66D3C4



696B80



000000



808080

Same Dimension

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



6673D3



6174FF



8E66D3



5E5F69



0014A8



000529

Inverse Universe

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



D36673



FF6174



ABD366



695E5F



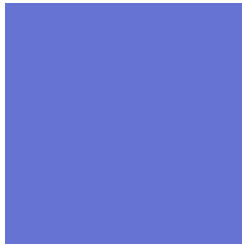
A80014



290005

Previews

White Background



This preview shows how the Hex color 6673D3 looks on a white background.

Color Contrast Check

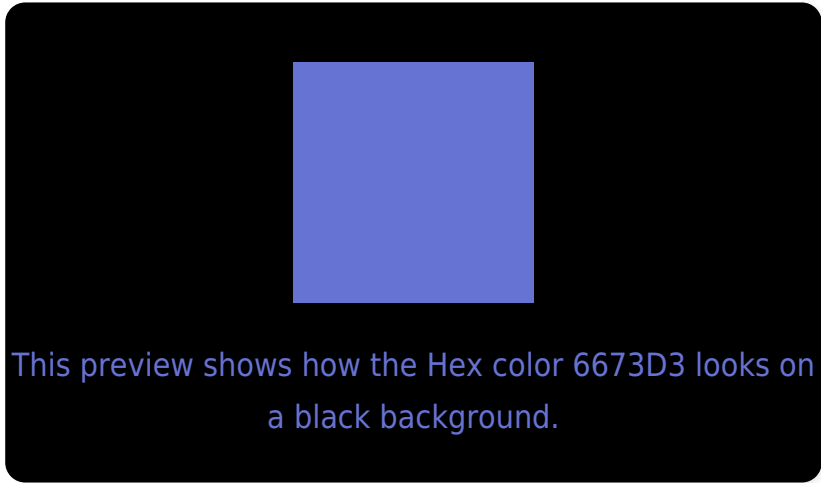
Large Text (above 18pt) WCAG AA ✓ Pass

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

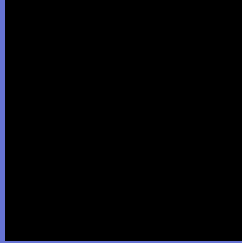
Any Text WCAG AA ✓ Pass

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 6673D3 Background



This preview shows how black text looks on a background with the Hex color 6673D3.

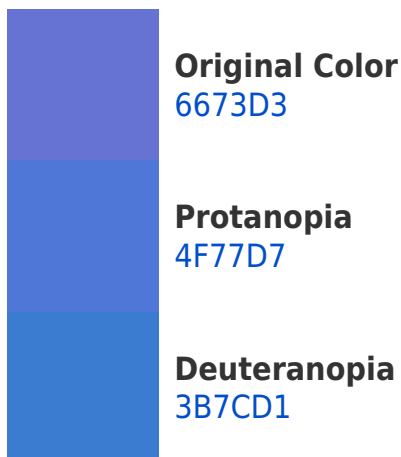



This preview shows how white text looks on a background with the Hex color 6673D3.

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](#).

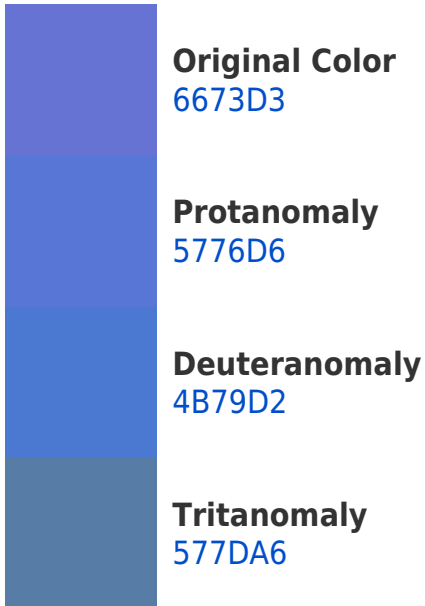
Dichromacy



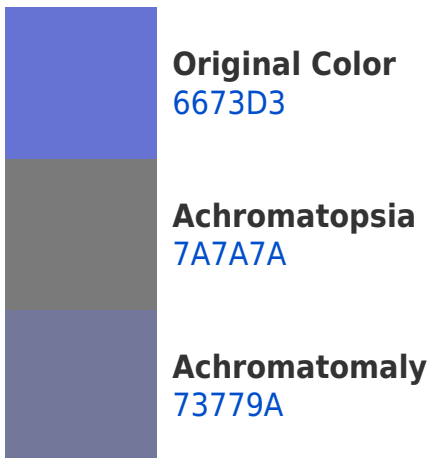


Tritanopia
4F838D

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6673D3 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 #6673D3 looks like.

```
.text, #text, p{  
    color:#6673D3  
}
```

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 #6673D3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6673D3
}
```

Border

The CSS property to change the border of an element to Hex 6673D3 is called "border". The border property can be set on classes, ids or directly on the HTML element.

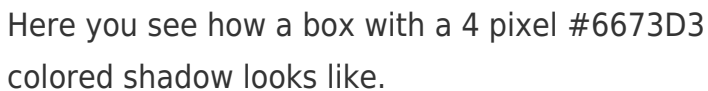
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6673D3 }
```

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

```
.border{ border-color:#6673D3 }
```

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



Here you see how a box with a 4 pixel #6673D3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6673D3; -webkit-box-shadow:4px 4px  
4px 4px #6673D3; box-shadow:4px 4px 4px  
4px #6673D3 }
```

Background

The CSS property to change the background color of an element to Hex 6673D3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6673D3 }
```

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

```
.background{ background-color:#6673D3 }
```

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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