

Converting Colors

Hex(6575D4)

Have a look what the booklet for
Hex(6575D4) contains.

Hex(6575D4)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6575D4)

Conversions

Conversions Part 1

Format	Color
Hex	6575D4
RGB	101, 117, 212
RGB Percent	40%, 46%, 83%
CMY	0.6039, 0.5412, 0.1686
CMYK	0.52, 0.45, 0.00, 0.17
HSL	231°, 56%, 61%
HSV	231°, 52%, 83%
XYZ	23.6118, 20.2427, 64.9501
YIQ	123.0460, -40.0310, 26.1530

Conversions

Conversions Part 2

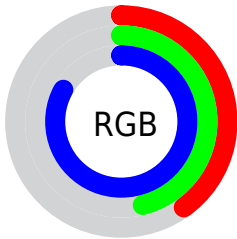
Format	Color
RYB	101, 115, 212
Decimal	6649300
CIELab	52.11, 20.74, -50.93
CIELCh	52, 54.987, 292.155
Yxy	20.2427, 0.2170, 0.1860
Android (android.graphics.Color)	4284839380 (0xFF6575D4)
YUV	123.0460, 43.8543, -19.3343
Hunter-Lab	44.9919, 14.9410, -54.0964

Details

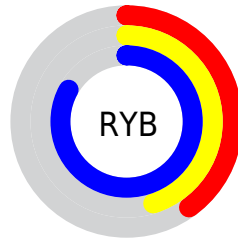
The Hex color **6575D4** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **D4C465**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9EA9FF**, and **27459D** is the 20% darker color. If you saturate the color by 10%, you get **5063D4**, and if you desaturate by 10%, it is **7A87D4**.

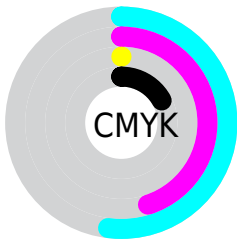
Distribution



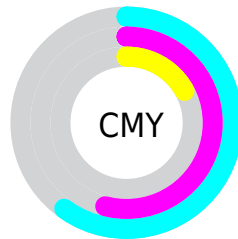
- Red (40%)
- Green (46%)
- Blue (83%)



- Red (40%)
- Yellow (45%)
- Blue (83%)



- Cyan (52%)
- Magenta (45%)
- Yellow (0%)
- Black (17%)



- Cyan (60%)
- Magenta (54%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6575D4 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 6575D4 by changing the saturation by 10% instead.

6575D4

6575D4

FFFFFF

485DB8

9EA9FF

27459D

BBC4FF

002F82

D8E0FF

001B68

F6FCFF

000250

000538

000221

000007

000000

■ 6575D4

■ 6575D4

■ 5063D4

■ 7A87D4

■ 3B51D4

■ 8F99D4

■ 253FD4

■ A5ABD4

■ 102CD4

■ BABED4

■ 001FD4

■ CFD0D4

■ E4E2D4

■ F9F4D4

■ FFFFD4

Harmonies

Analogous

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



0085DA



6575D4



A960B7

Triad

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



6575D4



C06332



00926E

Complementary

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



6575D4



D4C465

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.



348D3F



6575D4



9F7612

Square

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



6575D4



D1525C



728419



00929E

Rectangle

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



6575D4



C3549A



728419



00915E

Sweetspot

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



6575D4



D6DCFF



65D4C3



676B80



000000



808080

Same Dimension

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



6575D4



5E76FF



8C65D4



60626B



0019AB



00062B

Inverse Universe

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



D46575



FF5E76



ADD465



6B6062



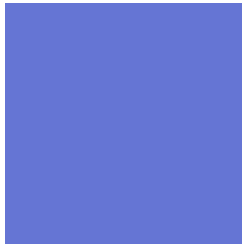
AB0019



2B0006

Previews

White Background



This preview shows how the Hex color 6575D4 looks on a white background.

Color Contrast Check

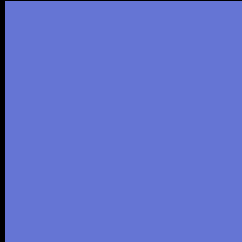
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



This preview shows how the Hex color 6575D4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

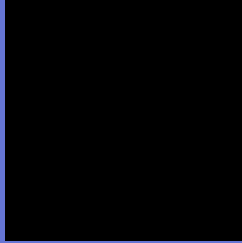
Any Text WCAG AA ✓ Pass

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 6575D4 Background



This preview shows how black text looks on a background with the Hex color 6575D4.

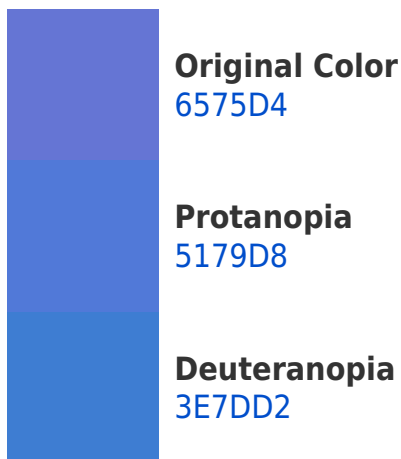



This preview shows how white text looks on a background with the Hex color 6575D4.

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](#).

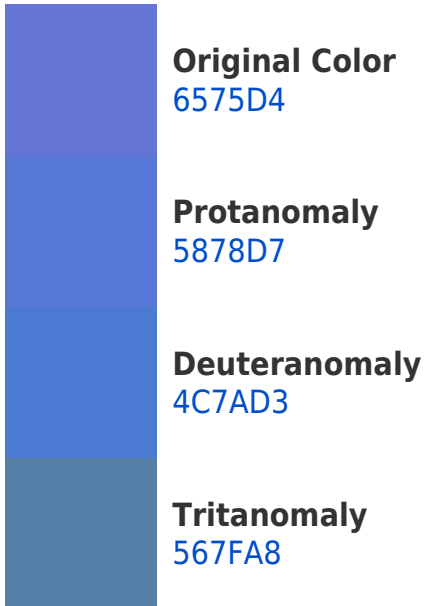
Dichromacy





Tritanopia
4E848F

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6575D4 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 #6575D4 looks like.

```
.text, #text, p{  
    color:#6575D4  
}
```

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 #6575D4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6575D4
}
```

Border

The CSS property to change the border of an element to Hex 6575D4 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
#6575D4 }
```

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

```
.border{ border-color:#6575D4 }
```

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

Here you see how a box with a 4 pixel #6575D4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6575D4; -webkit-box-shadow:4px 4px  
4px 4px #6575D4; box-shadow:4px 4px 4px  
4px #6575D4 }
```

Background

The CSS property to change the background color of an element to Hex 6575D4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6575D4 }
```

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

```
.background{ background-color:#6575D4 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor