

# Converting Colors

Hex(6575DB)

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

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**Color**

**Hex(6575DB)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6575DB
RGB	101, 117, 219
RGB Percent	40%, 46%, 86%
CMY	0.6039, 0.5412, 0.1412
CMYK	0.54, 0.47, 0.00, 0.14
HSL	232°, 62%, 63%
HSV	232°, 54%, 86%
XYZ	24.5143, 20.6038, 69.7027
YIQ	123.8440, -42.2780, 28.3300

# Conversions

## Conversions Part 2

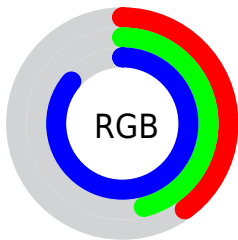
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">101, 115, 219</a>
Decimal	<a href="#">6649307</a>
CIELab	<a href="#">52.51, 22.96, -54.24</a>
CIELCh	<a href="#">53, 58.901, 292.938</a>
Yxy	<a href="#">20.6038, 0.2135, 0.1794</a>
Android (android.graphics.Color)	<a href="#">4284839387 (0xFF6575DB)</a>
YUV	<a href="#">123.8440, 46.9119, -20.0342</a>
Hunter-Lab	<a href="#">45.3914, 16.9668, -59.2714</a>

# Details

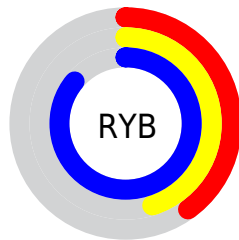
The Hex color **6575DB** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **DBC65**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **9FA9FF**, and **2445A3** is the 20% darker color. If you saturate the color by 10%, you get **4F62DB**, and if you desaturate by 10%, it is **7B88DB**.

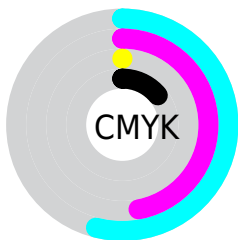
# Distribution



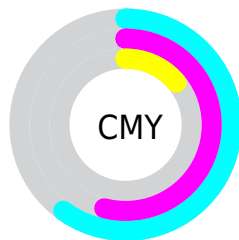
- Red (40%)
- Green (46%)
- Blue (86%)



- Red (40%)
- Yellow (45%)
- Blue (86%)



- Cyan (54%)
- Magenta (47%)
- Yellow (0%)
- Black (14%)



- Cyan (60%)
- Magenta (54%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



■ 6575DB

■ 6575DB

FFFFFF

■ 475DBF

■ 9FA9FF

■ 2445A3

■ BCC4FF

■ 002F88

■ DAE0FF

■ 001B6E

■ F8FCFF

■ 000355

■ 00063D

■ 000327

■ 000110

■ 000000

 6575DB

 6575DB

 4F62DB

 7B88DB

 394FDB

 919BDB

 233CDB

 A7AEDB

 0D29DB

 BDC1DB

 001EDB

 D3D4DB

 E8E7DB

 FEFADB

 FFFFDB

# Harmonies

## Analogous

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



0087E2



6575DB



AE5EBB

# Triad

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



6575DB



C4622C



00946F

# Complementary

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



6575DB



DBCB65

# 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.



29903C



6575DB



A07701

# Square

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



6575DB



D74E59



70860D



0095A3

# Rectangle

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



6575DB



C9509C



70860D



00935E



# Sweetspot

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



6575DB



D6DCFF



65DBC9



676B80



000000



808080



# Same Dimension

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



6575DB



5970FF



8E65DB



63646E



0018AD



00062E



# Inverse Universe

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



DB6575



FF5970



B2DB65



6E6364



AD0018

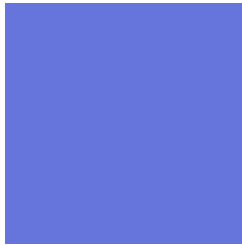


2E0006



# Previews

## White Background



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

## Color Contrast Check

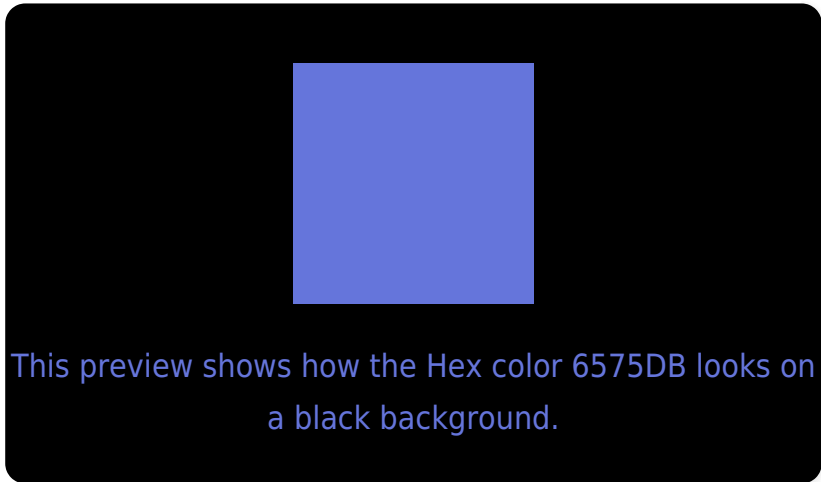
Large Text (above 18pt) WCAG AA ✓ Pass

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

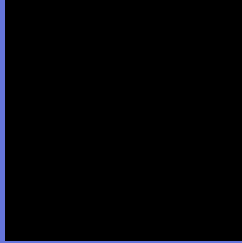
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6575DB Background



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

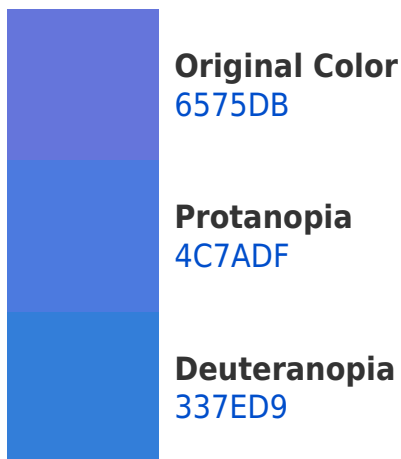


This preview shows how white text looks on a background with the Hex color 6575DB.

# 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](#).

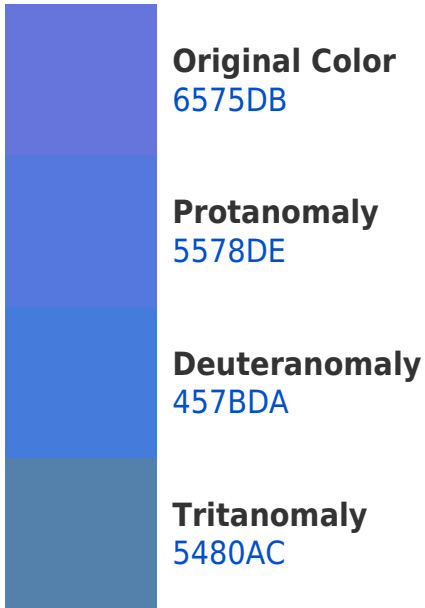
## Dichromacy



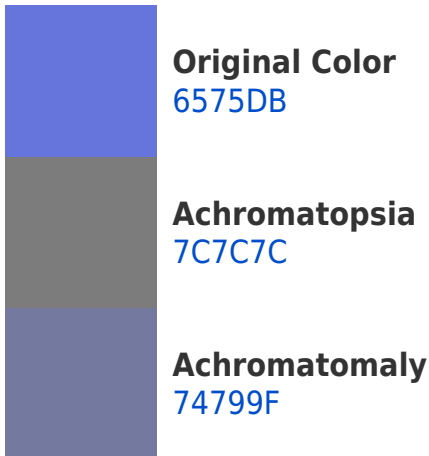


**Tritanopia**  
4B8691

# Trichromacy



# Monochromacy



# CSS Examples

## Text

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

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

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 #6575DB colored shadow looks like.

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

## Border

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

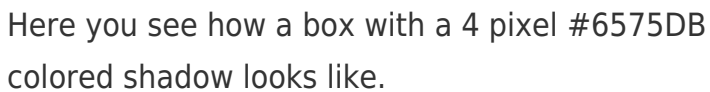
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6575DB }
```

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

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

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



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

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

# Background

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

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

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

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

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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