

# Converting Colors

Hex(6075CE)

Have a look what the booklet for  
Hex(6075CE) contains.

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# Color

**Hex(6075CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6075CE
RGB	96, 117, 206
RGB Percent	38%, 46%, 81%
CMY	0.6235, 0.5412, 0.1922
CMYK	0.53, 0.43, 0.00, 0.19
HSL	229°, 53%, 59%
HSV	229°, 53%, 81%
XYZ	22.3257, 19.6656, 61.0117
YIQ	120.8670, -41.0850, 23.2270

# Conversions

## Conversions Part 2

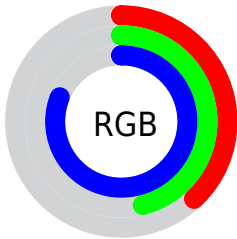
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	96, 114, 206
Decimal	6321614
CIE <sub>Lab</sub>	51.46, 17.74, -48.58
CIE <sub>LCh</sub>	51, 51.717, 290.061
Yxy	19.6656, 0.2167, 0.1909
Android (android.graphics.Color)	4284511694 (0xFF6075CE)
YUV	120.8670, 41.9706, -21.8084
Hunter-Lab	44.3459, 12.2596, -50.5298

# Details

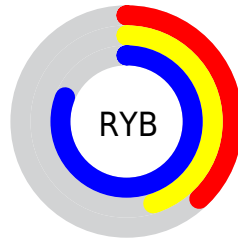
The Hex color **6075CE** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **CEB960**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **99A9FF**, and **214597** is the 20% darker color. If you saturate the color by 10%, you get **4B64CE**, and if you desaturate by 10%, it is **7586CE**.

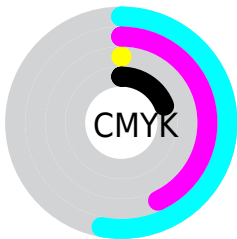
# Distribution



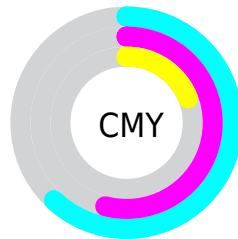
- Red (38%)
- Green (46%)
- Blue (81%)



- Red (38%)
- Yellow (45%)
- Blue (81%)



- Cyan (53%)
- Magenta (43%)
- Yellow (0%)
- Black (19%)



- Cyan (62%)
- Magenta (54%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6075CE 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 6075CE by changing the saturation by 10% instead.



■ 6075CE

■ 6075CE

FFFFFF

■ 435DB2

■ 99A9FF

■ 214597

■ B6C4FF

■ 002F7D

■ D3E0FF

■ 001C63

■ F1FCFF

■ 00004B

■ 000433

■ 00021D

■ 000000

■ 6075CE

■ 6075CE

■ 4B64CE

■ 7586CE

■ 3754CE

■ 8996CE

■ 2243CE

■ 9EA7CE

■ 0E32CE

■ B2B8CE

■ 0027CE

■ C7C8CE

■ DCD9CE

■ F0EACE

■ FFFACE

■ FFFFCE

# Harmonies

## Analogous

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



0084D2



6075CE



A262B4

# Triad

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



6075CE



BC6238



008F6A

# Complementary

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



6075CE



CEB960

# 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.



3E8A3F



6075CE



9E731C

# Square

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



6075CE



CB535F



75811E



009098

# Rectangle

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



6075CE



BB579A



75811E



008E5B



# Sweetspot

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



6075CE



D6DEFF



60CEB8



676C80



000000



808080



# Same Dimension

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



6075CE



5C7BFF



8160CE



5C5E66



0020A6



000726



# Inverse Universe

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



CE6075



FF5C7B



ADCE60



665C5E



A60020

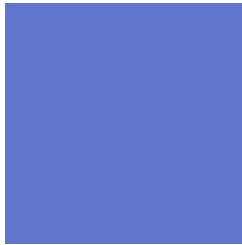


260007



# Previews

## White Background



This preview shows how the Hex color 6075CE looks on a white background.

## Color Contrast Check

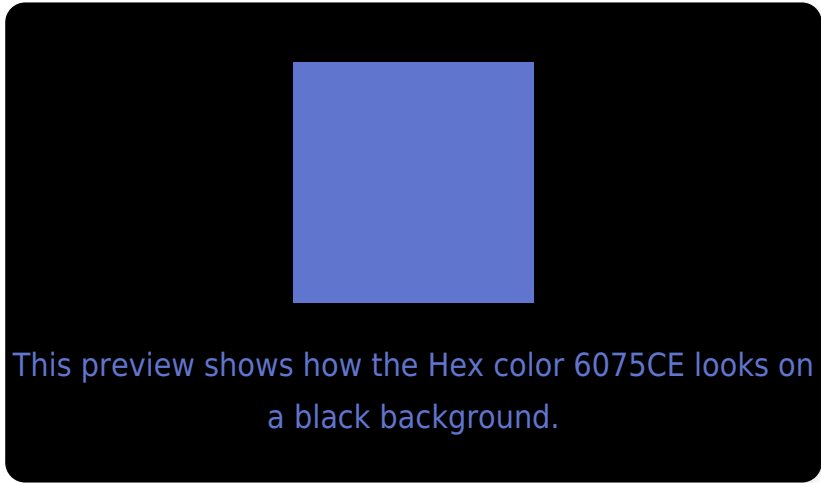
Large Text (above 18pt) WCAG AA ✓ Pass

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

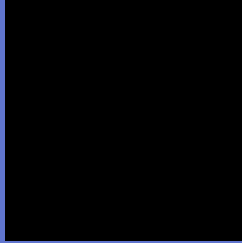
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6075CE Background



This preview shows how black text looks on a background with the Hex color 6075CE.

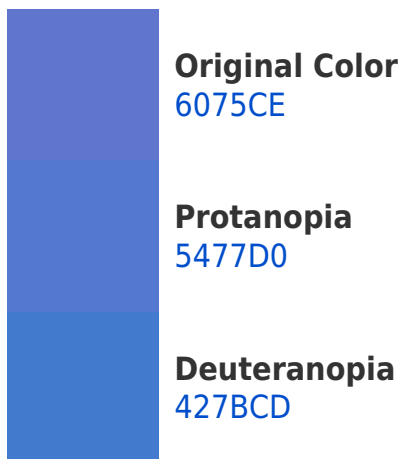



This preview shows how white text looks on a background with the Hex color 6075CE.

# 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](#).

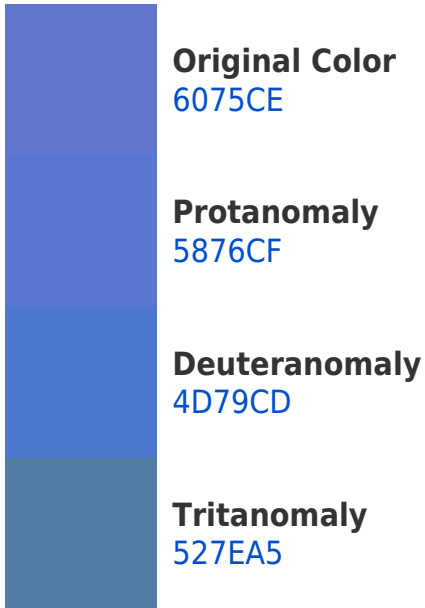
## Dichromacy





**Tritanopia**  
4A838E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6075CE 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 #6075CE looks like.

```
.text, #text, p{  
    color:#6075CE  
}
```

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 #6075CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6075CE
}
```

## Border

The CSS property to change the border of an element to Hex 6075CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

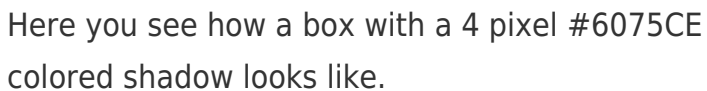
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6075CE }
```

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

```
.border{ border-color:#6075CE }
```

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



Here you see how a box with a 4 pixel #6075CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6075CE; -webkit-box-shadow:4px 4px  
4px 4px #6075CE; box-shadow:4px 4px 4px  
4px #6075CE }
```

# Background

The CSS property to change the background color of an element to Hex 6075CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6075CE }
```

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

```
.background{ background-color:#6075CE }
```

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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