

# Converting Colors

Hex(6175C5)

Have a look what the booklet for  
Hex(6175C5) contains.

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# Color

Hex(6175C5)

# Conversions

## Conversions Part 1

Format	Color
Hex	6175C5
RGB	97, 117, 197
RGB Percent	38%, 46%, 77%
CMY	0.6196, 0.5412, 0.2275
CMYK	0.51, 0.41, 0.00, 0.23
HSL	228°, 46%, 58%
HSV	228°, 51%, 77%
XYZ	21.3691, 19.2952, 55.4214
YIQ	120.1400, -37.6000, 20.6400

# Conversions

## Conversions Part 2

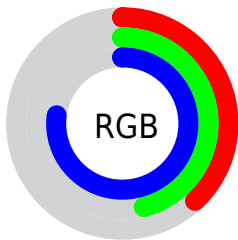
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 114, 197
Decimal	6387141
CIE <sub>Lab</sub>	51.03, 15.11, -44.12
CIE <sub>LCh</sub>	51, 46.631, 288.902
Yxy	19.2952, 0.2224, 0.2008
Android (android.graphics.Color)	4284577221 (0xFF6175C5)
YUV	120.1400, 37.8920, -20.2938
Hunter-Lab	43.9263, 9.9650, -44.0573

# Details

The Hex color **6175C5** is a dark color, and the websafe version is hex **3366CC**. A complement of this color would be **C5B161**, and the grayscale version is **787878**.

A 20% lighter version of the original color is **99A9FE**, and **26458F** is the 20% darker color. If you saturate the color by 10%, you get **4D65C5**, and if you desaturate by 10%, it is **7585C5**.

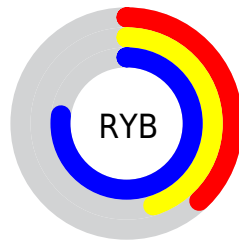
# Distribution



Red (38%)

Green (46%)

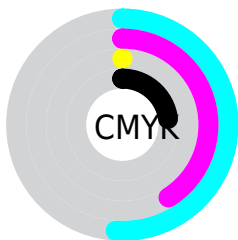
Blue (77%)



Red (38%)

Yellow (45%)

Blue (77%)

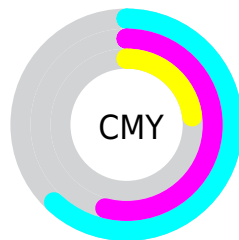


Cyan (51%)

Magenta (41%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (54%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6175C5 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 6175C5 by changing the saturation by 10% instead.



■ 6175C5

■ 6175C5

FFFFFF

■ 455DA9

■ 99A9FE

■ 26458F

■ B5C4FF

■ 002F75

■ D2E0FF

■ 001B5B

■ F0FCFF

■ 000044

■ 00032C

■ 000117

■ 000000

■ 6175C5

■ 6175C5

■ 4D65C5

■ 7585C5

■ 3A55C5

■ 8895C5

■ 2646C5

■ 9CA4C5

■ 1236C5

■ B0B4C5

■ 0027C5

■ C4C4C5

■ D7D4C5

■ EBE3C5

■ FFF3C5

■ FFFFC5

# Harmonies

## Analogous

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



0082C7



6175C5



9B65AE

# Triad

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



6175C5



B7633F



008C69

# Complementary

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



6175C5



C5B161

# 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.



488843



6175C5



9C7228

# Square

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



6175C5



C35762



777F29



008D92

# Rectangle

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



6175C5



B35B97



777F29



078B5B



# Sweetspot

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



6175C5



D9E0FF



61C5B1



696D80



000000



808080



# Same Dimension

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



6175C5



6383FF



7F61C5



5A5B63



0021A3



000724



# Inverse Universe

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



C56175



FF6383



A7C561



635A5B



A30021

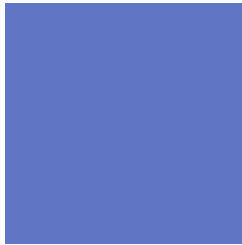


240007



# Previews

## White Background



This preview shows how the Hex color 6175C5 looks on a white background.

## Color Contrast Check

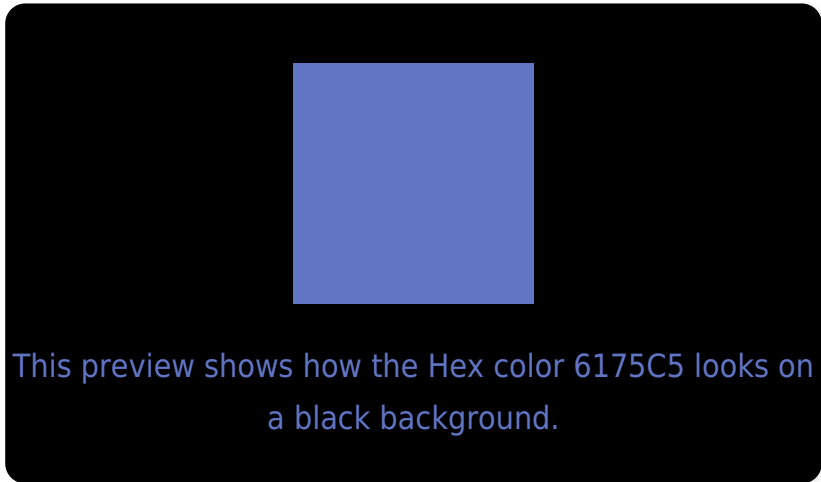
Large Text (above 18pt) WCAG AA ✓ Pass

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

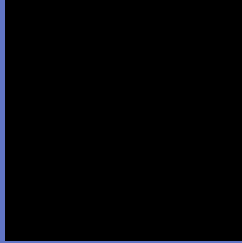
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6175C5 Background



This preview shows how black text looks on a background with the Hex color 6175C5.

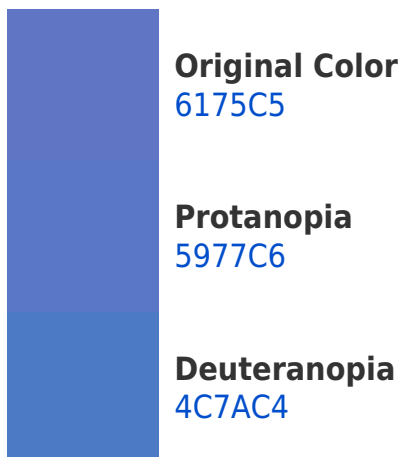


This preview shows how white text looks on a background with the Hex color 6175C5.

# 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](#).

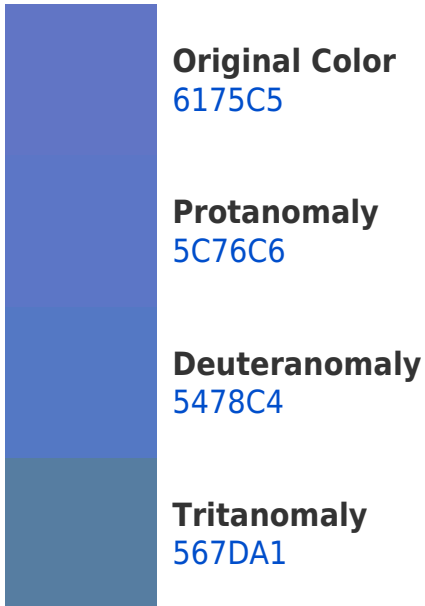
## Dichromacy





**Tritanopia**  
4F818C

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6175C5 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 #6175C5 looks like.

```
.text, #text, p{  
    color:#6175C5  
}
```

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 #6175C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6175C5  
}
```

## Border

The CSS property to change the border of an element to Hex 6175C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

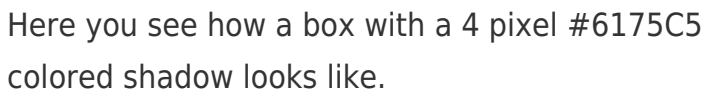
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#6175C5 }
```

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

```
.border{ border-color:#6175C5 }
```

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



Here you see how a box with a 4 pixel #6175C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6175C5; -webkit-box-shadow:4px 4px  
4px 4px #6175C5; box-shadow:4px 4px 4px  
4px #6175C5 }
```

# Background

The CSS property to change the background color of an element to Hex 6175C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6175C5 }
```

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

```
.background{ background-color:#6175C5 }
```

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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