

# Converting Colors

Hex(6174B1)

Have a look what the booklet for  
Hex(6174B1) contains.

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# Color

**Hex(6174B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6174B1
RGB	97, 116, 177
RGB Percent	38%, 45%, 69%
CMY	0.6196, 0.5451, 0.3059
CMYK	0.45, 0.34, 0.00, 0.31
HSL	226°, 34%, 54%
HSV	226°, 45%, 69%
XYZ	19.1110, 18.2065, 44.1019
YIQ	117.2730, -30.9050, 14.9430

# Conversions

## Conversions Part 2

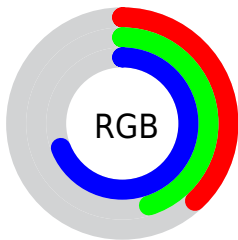
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 112, 177
Decimal	6386865
CIE <sub>Lab</sub>	49.75, 9.54, -34.62
CIE <sub>LCh</sub>	50, 35.912, 285.398
Yxy	18.2065, 0.2347, 0.2236
Android (android.graphics.Color)	4284576945 (0xFF6174B1)
YUV	117.2730, 29.4454, -17.7794
Hunter-Lab	42.6691, 5.2772, -31.4126

# Details

The Hex color **6174B1** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B19E61**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **97A8E9**, and **2B447C** is the 20% darker color. If you saturate the color by 10%, you get **4F67B1**, and if you desaturate by 10%, it is **7381B1**.

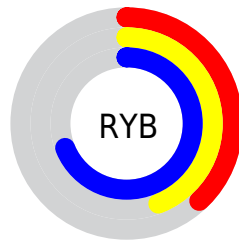
# Distribution



Red (38%)

Green (45%)

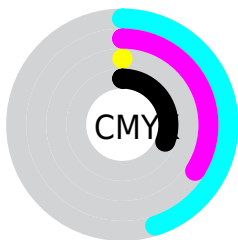
Blue (69%)



Red (38%)

Yellow (44%)

Blue (69%)

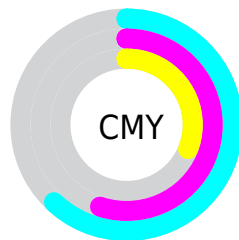


Cyan (45%)

Magenta (34%)

Yellow (0%)

Black (31%)



Cyan (62%)

Magenta (55%)

Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6174B1 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 6174B1 by changing the saturation by 10% instead.



■ 6174B1

■ 6174B1

FFFFFF

■ 465C96

■ 97A8E9

■ 2B447C

■ B3C3FF

■ 082E63

■ CFDFFF

■ 001A4B

■ ECFBFF

■ 000034

■ 00021E

■ 000000

■ 6174B1

■ 6174B1

■ 4F67B1

■ 7381B1

■ 3E59B1

■ 848FB1

■ 2C4CB1

■ 969CB1

■ 1A3EB1

■ A8AAB1

■ 0831B1

■ BAB7B1

■ 002AB1

■ CBC5B1

■ DDD2B1

■ EFE0B1

■ FFEDB1

# Harmonies

## Analogous

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



177EB1



6174B1



8D68A1

# Triad

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



6174B1



A9654C



298566

# Complementary

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



6174B1



B19E61

# 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.



57814A



6174B1



966F3B

# Square

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



6174B1



B05E68



7A7A3A



008685

# Rectangle

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



6174B1



A16290



7A7A3A



3B845C



# Sweetspot

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



6174B1



C5CDE6



61B19D



5F6473



F2F2F2



737373



# Same Dimension

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



6174B1



6A87E6



7561B1



505259



002499



00061A



# Inverse Universe

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



B16174



E66A87



9DB161



595052



990024

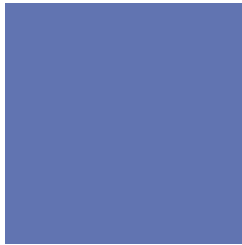


1A0006



# Previews

## White Background



This preview shows how the Hex color 6174B1 looks on a white background.

## Color Contrast Check

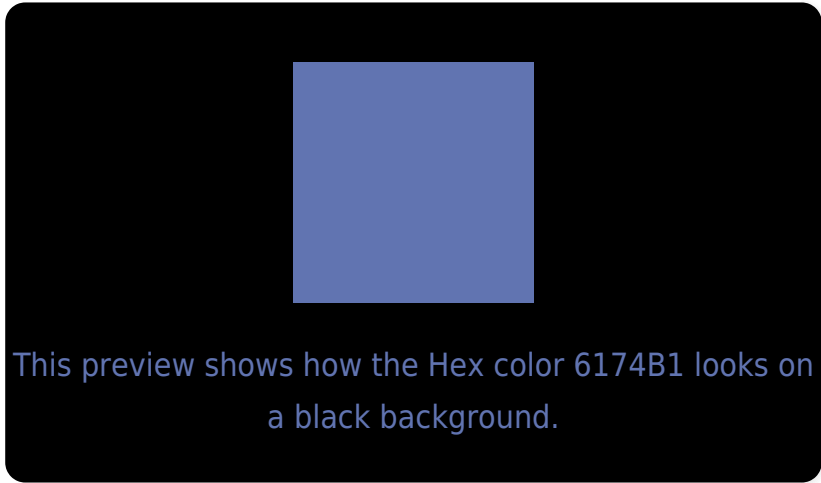
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

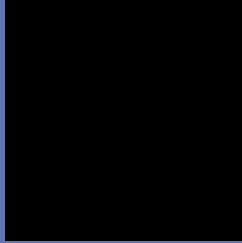
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

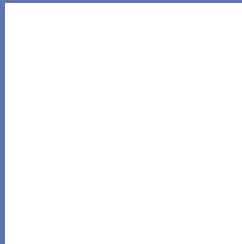
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 6174B1 Background



This preview shows how black text looks on a background with the Hex color 6174B1.



This preview shows how white text looks on a background with the Hex color 6174B1.

# 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



**Original Color**  
6174B1

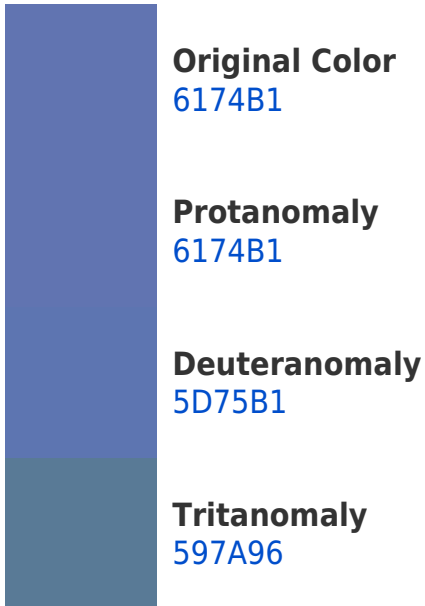
**Protanopia**  
6174B1

**Deuteranopia**  
5B75B1

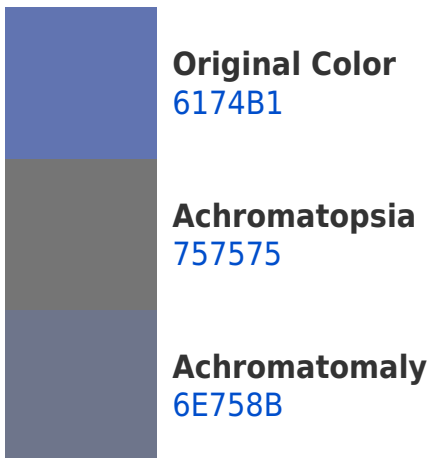


**Tritanopia**  
557D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6174B1 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 #6174B1 looks like.

```
.text, #text, p{  
    color:#6174B1  
}
```

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 #6174B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6174B1
}
```

## Border

The CSS property to change the border of an element to Hex 6174B1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

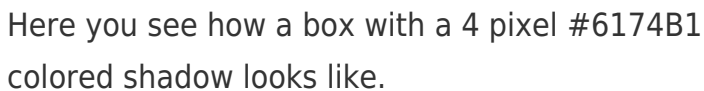
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6174B1 }
```

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

```
.border{ border-color:#6174B1 }
```

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



Here you see how a box with a 4 pixel #6174B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6174B1; -webkit-box-shadow:4px 4px  
4px 4px #6174B1; box-shadow:4px 4px 4px  
4px #6174B1 }
```

# Background

The CSS property to change the background color of an element to Hex 6174B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6174B1 }
```

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

```
.background{ background-color:#6174B1 }
```

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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