

# Converting Colors

Hex(6169B4)

Have a look what the booklet for  
Hex(6169B4) contains.

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# Color

**Hex(6169B4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6169B4
RGB	97, 105, 180
RGB Percent	38%, 41%, 71%
CMY	0.6196, 0.5882, 0.2941
CMYK	0.46, 0.42, 0.00, 0.29
HSL	234°, 36%, 54%
HSV	234°, 46%, 71%
XYZ	18.2196, 15.9398, 45.2964
YIQ	111.1580, -28.8430, 21.6290

# Conversions

## Conversions Part 2

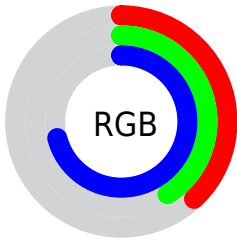
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 104, 180
Decimal	6384052
CIE <sub>Lab</sub>	46.90, 17.19, -40.86
CIE <sub>LCh</sub>	47, 44.331, 292.820
Yxy	15.9398, 0.2293, 0.2006
Android (android.graphics.Color)	4284574132 (0xFF6169B4)
YUV	111.1580, 33.9391, -12.4166
Hunter-Lab	39.9247, 11.5899, -39.3200

# Details

The Hex color **6169B4** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **B4AC61**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **989CEC**, and **2A3A7F** is the 20% darker color. If you saturate the color by 10%, you get **4F59B4**, and if you desaturate by 10%, it is **7379B4**.

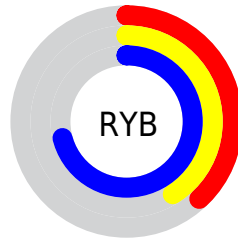
# Distribution



Red (38%)

Green (41%)

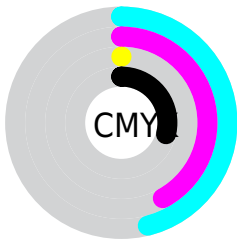
Blue (71%)



Red (38%)

Yellow (41%)

Blue (71%)

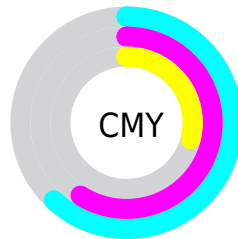


Cyan (46%)

Magenta (42%)

Yellow (0%)

Black (29%)



Cyan (62%)

Magenta (59%)

Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6169B4 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 6169B4 by changing the saturation by 10% instead.



■ 6169B4

■ 6169B4

FFFFFF

■ 465199

■ 989CEC

■ 2A3A7F

■ B4B7FF

■ 032565

■ D0D2FF

■ 00114D

■ EDEFFF

■ 000235

■ 00021F

■ 000002

■ 000000

■ 6169B4

■ 6169B4

■ 4F59B4

■ 7379B4

■ 3D48B4

■ 858AB4

■ 2B38B4

■ 979AB4

■ 1928B4

■ A9AAB4

■ 0718B4

■ BBBAB4

■ 0011B4

■ CDCBB4

■ DFDBB4

■ F1EBB4

■ FFFBB4

# Harmonies

## Analogous

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



0076B9



6169B4



94599D

# Triad

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



6169B4



A65C34



008165

# Complementary

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



6169B4



B4AC61

# 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.



397D40



6169B4



8B6A21

# Square

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



6169B4



B35054



687625



00818B

# Rectangle

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



6169B4



A85186



687625



008058



# Sweetspot

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



6169B4



CACDEB



61B4AC



616375



F5F5F5



757575



# Same Dimension

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



6169B4



6A76EB



8261B4



505159



000F99



00021A



# Inverse Universe

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



B46169



EB6A76



93B461



595051



99000F

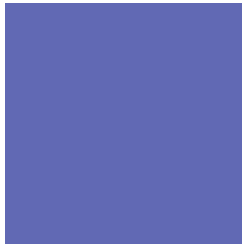


1A0002



# Previews

## White Background



This preview shows how the Hex color 6169B4 looks on a white background.

## Color Contrast Check

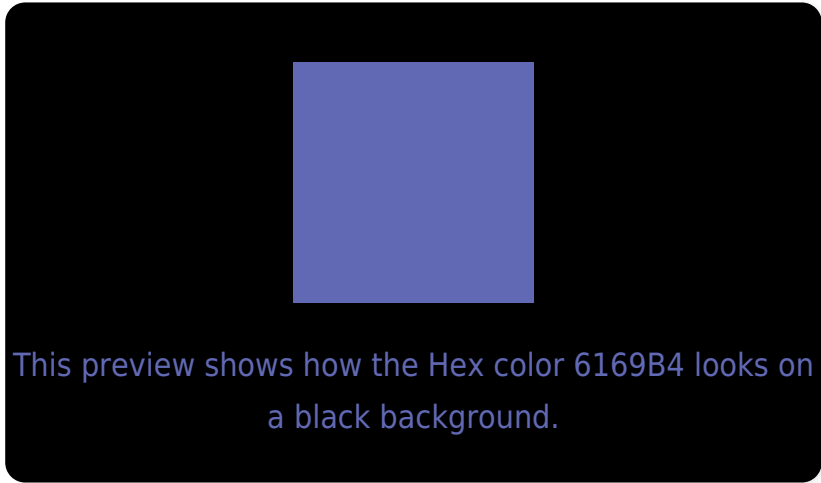
Large Text (above 18pt) WCAG AA ✓ Pass

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 × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6169B4 Background



This preview shows how black text looks on a background with the Hex color 6169B4.

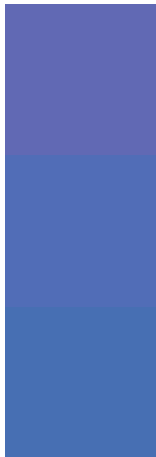


This preview shows how white text looks on a background with the Hex color 6169B4.

# 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**  
6169B4

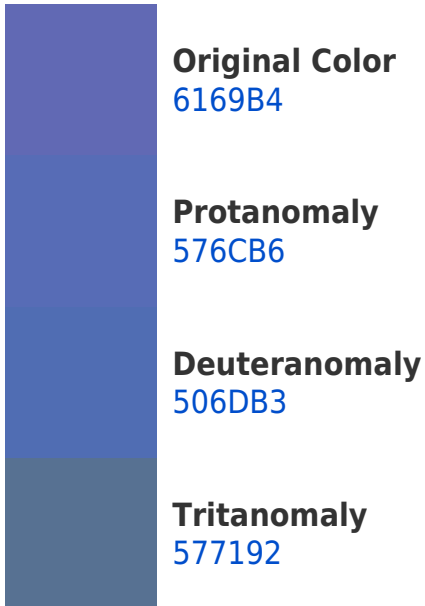
**Protanopia**  
516DB7

**Deuteranopia**  
476FB3



**Tritanopia**  
52757E

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6169B4 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 #6169B4 looks like.

```
.text, #text, p{  
    color:#6169B4  
}
```

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 #6169B4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6169B4
}
```

## Border

The CSS property to change the border of an element to Hex 6169B4 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
#6169B4 }
```

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

```
.border{ border-color:#6169B4 }
```

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

Here you see how a box with a 4 pixel #6169B4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6169B4; -webkit-box-shadow:4px 4px  
4px 4px #6169B4; box-shadow:4px 4px 4px  
4px #6169B4 }
```

# Background

The CSS property to change the background color of an element to Hex 6169B4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6169B4 }
```

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

```
.background{ background-color:#6169B4 }
```

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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