

# Converting Colors

Hex(6167E2)

Have a look what the booklet for  
Hex(6167E2) contains.

<b>Hex(6167E2)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

**Hex(6167E2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6167E2
RGB	97, 103, 226
RGB Percent	38%, 40%, 89%
CMY	0.6196, 0.5961, 0.1137
CMYK	0.57, 0.54, 0.00, 0.11
HSL	237°, 69%, 63%
HSV	237°, 57%, 89%
XYZ	23.5075, 17.7329, 74.1353
YIQ	115.2280, -43.0590, 36.9810

# Conversions

## Conversions Part 2

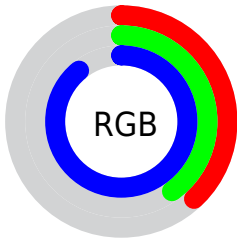
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 103, 226
Decimal	6383586
CIE Lab	49.17, 32.95, -63.59
CIE LCh	49, 71.614, 297.390
Yxy	17.7329, 0.2037, 0.1537
Android (android.graphics.Color)	4284573666 (0xFF6167E2)
YUV	115.2280, 54.6106, -15.9860
Hunter-Lab	42.1104, 25.9516, -74.9027

# Details

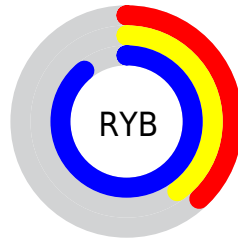
The Hex color **6167E2** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **E2DC61**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **9D9AFF**, and **1638AA** is the 20% darker color. If you saturate the color by 10%, you get **4A51E2**, and if you desaturate by 10%, it is **787DE2**.

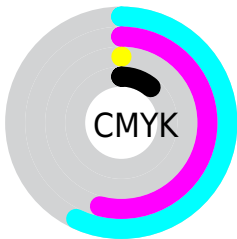
# Distribution



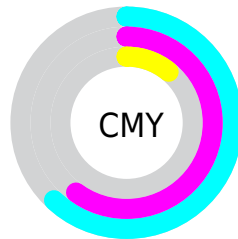
- Red (38%)
- Green (40%)
- Blue (89%)



- Red (38%)
- Yellow (40%)
- Blue (89%)



- Cyan (57%)
- Magenta (54%)
- Yellow (0%)
- Black (11%)




- Cyan (62%)
- Magenta (60%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6167E2 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 6167E2 by changing the saturation by 10% instead.



 6167E2

 6167E2


FFFFFF

 414FC6

 9D9AFF

 1638AA

 BBB5FF

 00238F

 D9D0FF

 001074

 F7EDFF

 00005B

 000742

 00032B

 000115

 000000

■ 6167E2

■ 6167E2

■ 4A51E2

■ 787DE2

■ 343CE2

■ 8E92E2

■ 1D26E2

■ A5A8E2

■ 0711E2

■ BBBDE2

■ 000BE2

■ D2D3E2

■ E9E8E2

■ FFFEE2

■ FFFFE2

# Harmonies

## Analogous

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



007EF0



6167E2



B745B7

# Triad

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



6167E2



BF5600



008E6E

# Complementary

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



6167E2



E2DC61

# 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.



008A2D



6167E2



927100

# Square

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



6167E2



DA3441



578100



008FAB

# Rectangle

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



6167E2



D32D91



578100



008E58



# Sweetspot

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



6167E2



D4D6FF



61E2DC



666780



000000



808080



# Same Dimension

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



6167E2



525AFF



9B61E2



656670



0008B0



000230



# Inverse Universe

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



E26167



FF525A



A8E261



706566



B00008

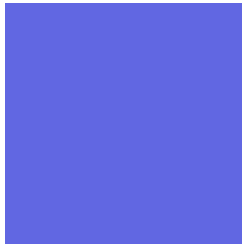


300002



# Previews

## White Background



This preview shows how the Hex color 6167E2 looks on a white background.

## Color Contrast Check

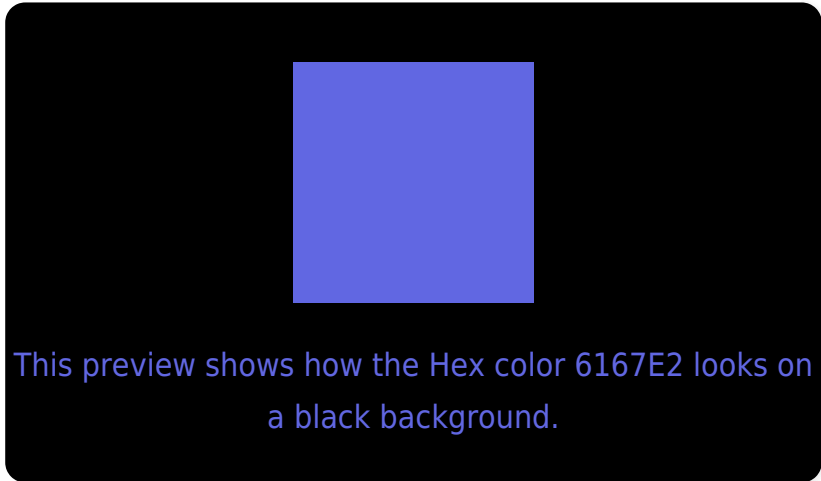
Large Text (above 18pt) WCAG AA ✓ Pass

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

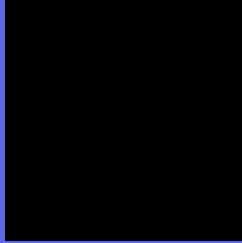
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 6167E2 Background



This preview shows how black text looks on a background with the Hex color 6167E2.

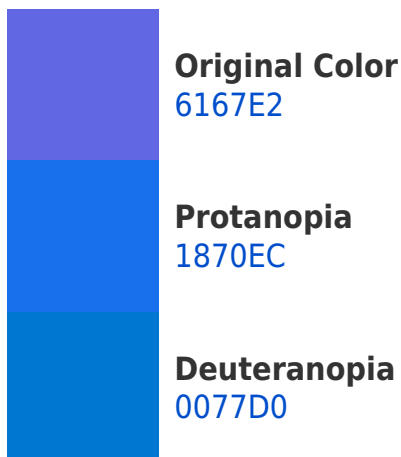


This preview shows how white text looks on a background with the Hex color 6167E2.

# 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](#).

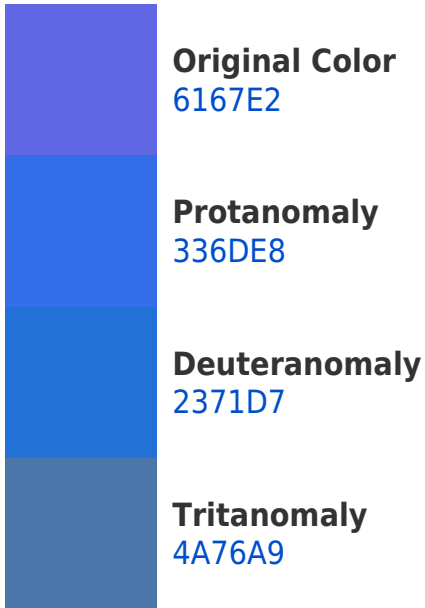
## Dichromacy





**Tritanopia**  
3D7E88

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6167E2 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 #6167E2 looks like.

```
.text, #text, p{  
    color:#6167E2  
}
```

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 #6167E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6167E2
}
```

## Border

The CSS property to change the border of an element to Hex 6167E2 is called "border". The border property can be set on classes, ids or directly on the HTML element.

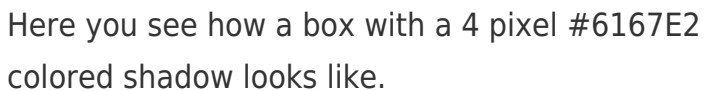
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6167E2 }
```

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

```
.border{ border-color:#6167E2 }
```

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



Here you see how a box with a 4 pixel #6167E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6167E2; -webkit-box-shadow:4px 4px  
4px 4px #6167E2; box-shadow:4px 4px 4px  
4px #6167E2 }
```

# Background

The CSS property to change the background color of an element to Hex 6167E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6167E2 }
```

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

```
.background{ background-color:#6167E2 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor