

# Converting Colors

Hex(6147E9)

Have a look what the booklet for  
Hex(6147E9) contains.

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# Color

**Hex(6147E9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6147E9
RGB	97, 71, 233
RGB Percent	38%, 28%, 91%
CMY	0.6196, 0.7216, 0.0863
CMYK	0.58, 0.70, 0.00, 0.09
HSL	250°, 79%, 60%
HSV	250°, 70%, 91%
XYZ	21.8910, 12.9311, 78.4330
YIQ	97.2420, -36.5060, 55.8940

# Conversions

## Conversions Part 2

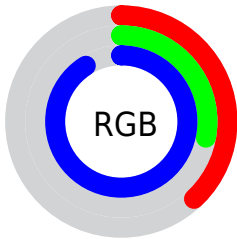
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 71, 233
Decimal	6375401
CIE <sub>Lab</sub>	42.66, 53.65, -78.15
CIE <sub>LCh</sub>	43, 94.789, 304.468
Yxy	12.9311, 0.1933, 0.1142
Android (android.graphics.Color)	4284565481 (0xFF6147E9)
YUV	97.2420, 66.9287, -0.2122
Hunter-Lab	35.9598, 45.7346, -104.1474

# Details

The Hex color **6147E9** is a dark color, and the websafe version is hex **6633CC**. The color can be described as middle muted purple. A complement of this color would be **CFE947**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **A07AFF**, and **0116B0** is the 20% darker color. If you saturate the color by 10%, you get **4D30E9**, and if you desaturate by 10%, it is **755EE9**.

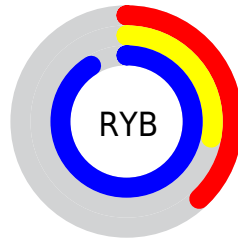
# Distribution



Red (38%)

Green (28%)

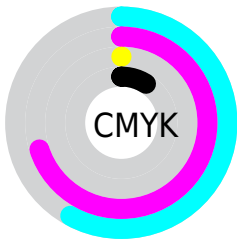
Blue (91%)



Red (38%)

Yellow (28%)

Blue (91%)

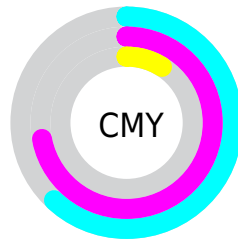


Cyan (58%)

Magenta (70%)

Yellow (0%)

Black (9%)



Cyan (62%)

Magenta (72%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6147E9 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 6147E9 by changing the saturation by 10% instead.



 6147E9

 6147E9

FFFFFF

 3E2FCC

 A07AFF

 0116B0

 BE94FF

 000094

 DDAFFF

 00007A

 FCCBFF

 000060

 FFE8FF

 000847

 00042F

 00011A

 000000

■ 6147E9

■ 6147E9

■ 4D30E9

■ 755EE9

■ 3A18E9

■ 8876E9

■ 2601E9

■ 9C8DE9

■ 2500E9

■ AFA4E9

■ C3BCE9

■ D6D3E9

■ EAEAE9

■ FDFFE9

■ FFFFE9

# Harmonies

## Analogous

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



006EFF



6147E9



C600AA

# Triad

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



6147E9



AE4300



00816F

# Complementary

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



6147E9



CFE947

# 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.



007E14



6147E9



716600

# Square

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



6147E9



D8000E



007700



0082BD

# Rectangle

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



6147E9



DF0077



007700



008053



# Sweetspot

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



6147E9



D2C9FF



47D1E9



656080



000000



808080



# Same Dimension

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



6147E9



4D2BFF



B047E9



6B6A75



1D00B5



090036



# Inverse Universe

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



E947CF



FF2BDD



80E947



756A73



B50098

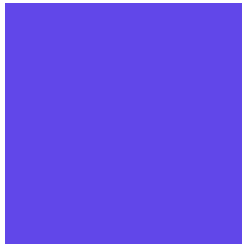


36002D



# Previews

## White Background



This preview shows how the Hex color 6147E9 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

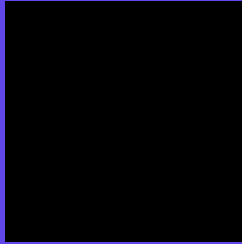
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6147E9 Background



This preview shows how black text looks on a background with the Hex color 6147E9.

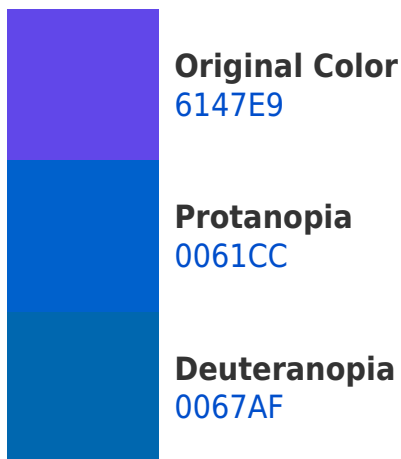


This preview shows how white text looks on a background with the Hex color 6147E9.

# 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](#).

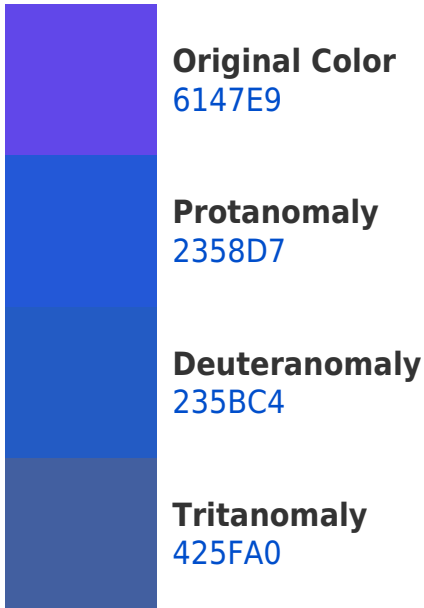
## Dichromacy





**Tritanopia**  
306D76

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6147E9 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 #6147E9 looks like.

```
.text, #text, p{  
    color:#6147E9  
}
```

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 #6147E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6147E9
}
```

## Border

The CSS property to change the border of an element to Hex 6147E9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

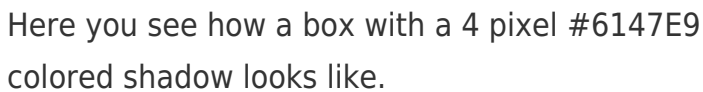
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6147E9 }
```

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

```
.border{ border-color:#6147E9 }
```

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



Here you see how a box with a 4 pixel #6147E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6147E9; -webkit-box-shadow:4px 4px  
4px 4px #6147E9; box-shadow:4px 4px 4px  
4px #6147E9 }
```

# Background

The CSS property to change the background color of an element to Hex 6147E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6147E9 }
```

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

```
.background{ background-color:#6147E9 }
```

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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