

Converting Colors

Hex(6157D9)

Have a look what the booklet for
Hex(6157D9) contains.

Hex(6157D9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6157D9)

Conversions

Conversions Part 1

Format	Color
Hex	6157D9
RGB	97, 87, 217
RGB Percent	38%, 34%, 85%
CMY	0.6196, 0.6588, 0.1490
CMYK	0.55, 0.60, 0.00, 0.15
HSL	245°, 63%, 60%
HSV	245°, 60%, 85%
XYZ	20.8623, 14.3675, 67.3193
YIQ	104.8100, -35.7700, 42.5500

Conversions

Conversions Part 2

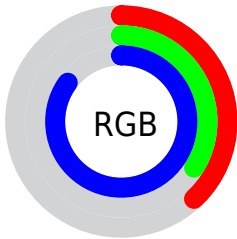
Format	Color
R_{YB}	97, 87, 217
Decimal	6379481
CIE _{Lab}	44.76, 39.73, -65.63
CIE _{LCh}	45, 76.721, 301.190
Yxy	14.3675, 0.2034, 0.1401
Android (android.graphics.Color)	4284569561 (0xFF6157D9)
YUV	104.8100, 55.3097, -6.8494
Hunter-Lab	37.9045, 31.9120, -78.7672

Details

The Hex color **6157D9** is a dark color, and the websafe version is hex **6666FF**. The color can be described as middle muted purple. A complement of this color would be **CFD957**, and the grayscale version is **686868**.

A 20% lighter version of the original color is **9D89FF**, and **1829A1** is the 20% darker color. If you saturate the color by 10%, you get **4D41D9**, and if you desaturate by 10%, it is **756DD9**.

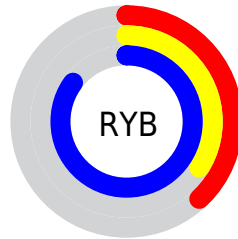
Distribution



Red (38%)

Green (34%)

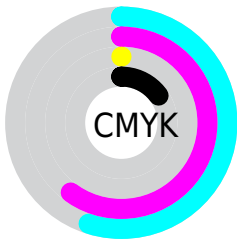
Blue (85%)



Red (38%)

Yellow (34%)

Blue (85%)

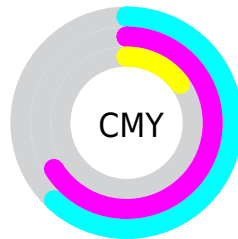


Cyan (55%)

Magenta (60%)

Yellow (0%)

Black (15%)



Cyan (62%)

Magenta (66%)

Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6157D9 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 6157D9 by changing the saturation by 10% instead.

6157D9

6157D9

FFFFFF

413FBD

9D89FF

1829A1

BAA4FF

001386

D8BFFF

00006C

F6DBFF

000053

FFF8FF

00063B

000224

00000C

000000

■ 6157D9

■ 6157D9

■ 4D41D9

■ 756DD9

■ 392CD9

■ 8982D9

■ 2516D9

■ 9D98D9

■ 1100D9

■ B1AED9

■ C5C4D9

■ D9D9D9

■ EDEFD9

■ FFFFD9

Harmonies

Analogous

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



0072EC



6157D9



B52AA9

Triad

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



6157D9



B04C00



00846B

Complementary

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



6157D9



CFD957

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.



008025



6157D9



7F6800

Square

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



6157D9



CF1D2C



3C7800



0084AB

Rectangle

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



6157D9



CF0080



3C7800



008354

Sweetspot

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



6157D9



D5D1FF



57D0D9



666380



000000



808080

Same Dimension

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



6157D9



5647FF



A157D9



64636E



0D00AD



04002E

Inverse Universe

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



D957CF



FF47F1



8FD957



6E636D



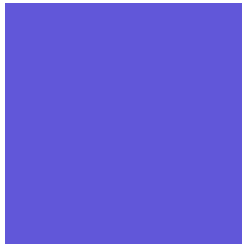
AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color 6157D9 looks on a white background.

Color Contrast Check

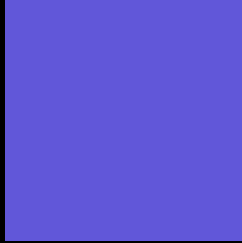
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 6157D9 looks on a 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 6157D9 Background



This preview shows how black text looks on a background with the Hex color 6157D9.

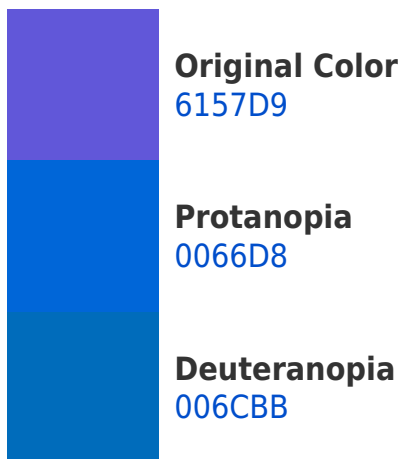


This preview shows how white text looks on a background with the Hex color 6157D9.

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](#).

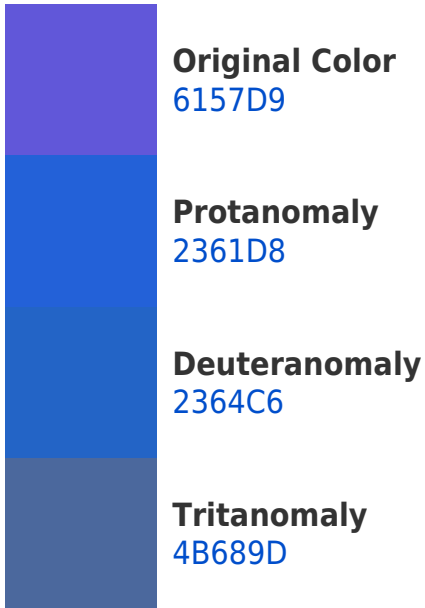
Dichromacy



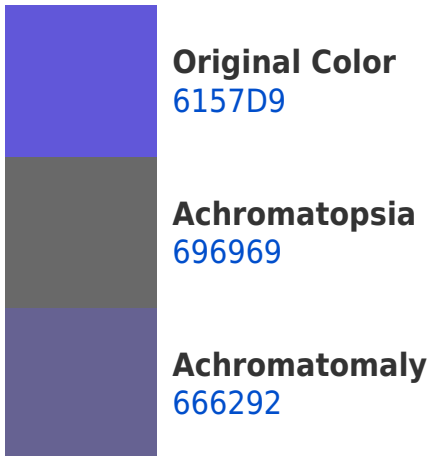


Tritanopia
3F717A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 6157D9 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 #6157D9 looks like.

```
.text, #text, p{  
    color:#6157D9  
}
```

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 #6157D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6157D9
}
```

Border

The CSS property to change the border of an element to Hex 6157D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

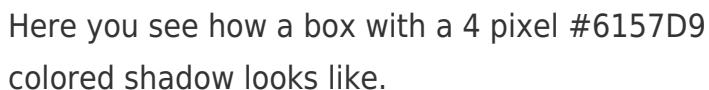
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6157D9 }
```

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

```
.border{ border-color:#6157D9 }
```

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



Here you see how a box with a 4 pixel #6157D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6157D9; -webkit-box-shadow:4px 4px  
4px 4px #6157D9; box-shadow:4px 4px 4px  
4px #6157D9 }
```

Background

The CSS property to change the background color of an element to Hex 6157D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6157D9 }
```

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

```
.background{ background-color:#6157D9 }
```

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