

# Converting Colors

Hex(6150A6)

Have a look what the booklet for  
Hex(6150A6) contains.

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# Color

**Hex(6150A6)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6150A6
RGB	97, 80, 166
RGB Percent	38%, 31%, 65%
CMY	0.6196, 0.6863, 0.3490
CMYK	0.42, 0.52, 0.00, 0.35
HSL	252°, 35%, 48%
HSV	252°, 52%, 65%
XYZ	14.6814, 11.0319, 37.4320
YIQ	94.8870, -17.4740, 30.3500

# Conversions

## Conversions Part 2

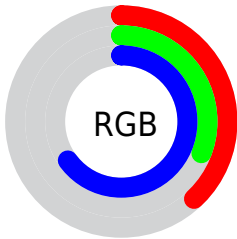
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 80, 166
Decimal	6377638
CIE <sub>Lab</sub>	39.63, 28.47, -44.19
CIE <sub>LCh</sub>	40, 52.564, 302.797
Yxy	11.0319, 0.2325, 0.1747
Android (android.graphics.Color)	4284567718 (0xFF6150A6)
YUV	94.8870, 35.0587, 1.8531
Hunter-Lab	33.2143, 20.7755, -43.5689

# Details

The Hex color **6150A6** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **95A650**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **9782DE**, and **2B2371** is the 20% darker color. If you saturate the color by 10%, you get **543FA6**, and if you desaturate by 10%, it is **6E61A6**.

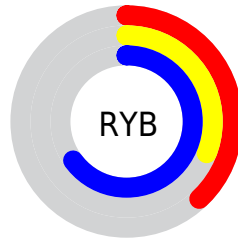
# Distribution



Red (38%)

Green (31%)

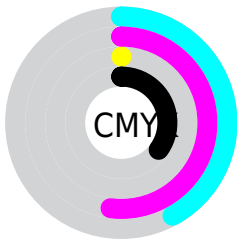
Blue (65%)



Red (38%)

Yellow (31%)

Blue (65%)

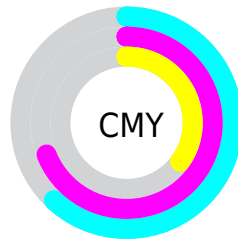


Cyan (42%)

Magenta (52%)

Yellow (0%)

Black (35%)



Cyan (62%)

Magenta (69%)

Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6150A6 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 6150A6 by changing the saturation by 10% instead.



6150A6

6150A6

FFFFFF

46398B

9782DE

2B2371

B39CFA

090E58

CFB7FF

000041

ECD2FF

000329

FFEFFF

000113

000000

6150A6

6150A6

543FA6

6E61A6

462FA6

7C71A6

391EA6

8982A6

2C0EA6

9692A6

2100A6

A4A3A6

B1B4A6

BEC4A6

CCD5A6

D9E5A6

# Harmonies

## Analogous

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



0061B4



6150A6



933B85

# Triad

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



6150A6



8F4C08



007160

# Complementary

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



6150A6



95A650

# 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.



006E34



6150A6



6D5D00

# Square

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



6150A6



A53832



416805



00708B

# Rectangle

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



6150A6



A4306A



416805



007051



# Sweetspot

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



6150A6



BDB6D9



5096A6



5D596E



EDEDED



6E6E6E



# Same Dimension

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



6150A6



6D52D9



8B50A6



4D4C54



1D0094



040014



# Inverse Universe

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



A65095



D952BE



6BA650



544C52



940077



140010



# Previews

## White Background



This preview shows how the Hex color 6150A6 looks on a white background.

## Color Contrast Check

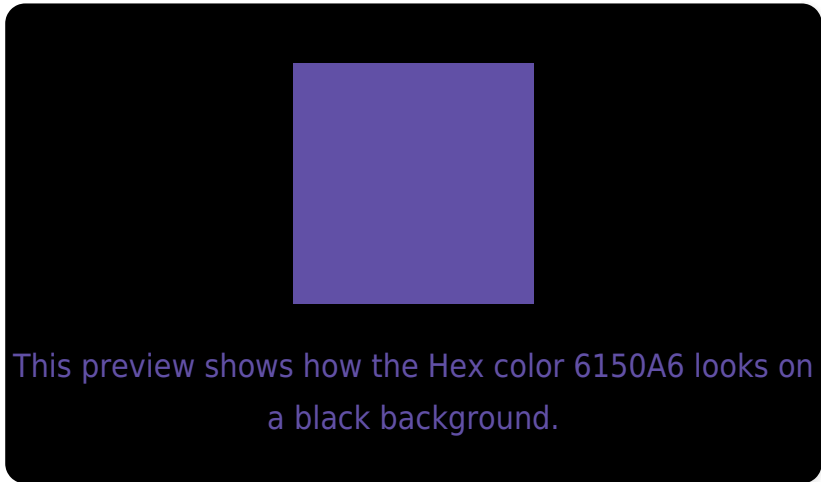
Large Text (above 18pt) WCAG AA ✓ Pass

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 6150A6 Background



This preview shows how black text looks on a background with the Hex color 6150A6.

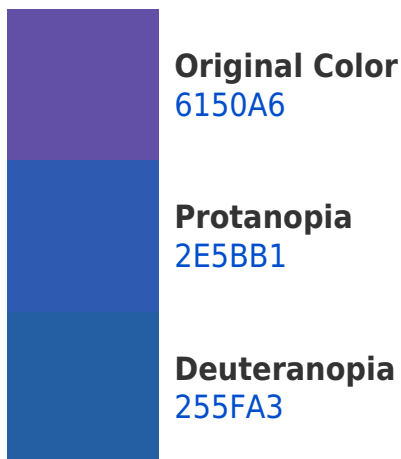


This preview shows how white text looks on a background with the Hex color 6150A6.

# 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**  
526067

# Trichromacy



**Original Color**  
6150A6

**Protanomaly**  
4157AD

**Deuteranomaly**  
3B5AA4

**Tritanomaly**  
575A7E

# Monochromacy



**Original Color**  
6150A6

**Achromatopsia**  
5F5F5F

**Achromatomaly**  
605A79

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6150A6 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 #6150A6 looks like.

```
.text, #text, p{  
    color:#6150A6  
}
```

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 #6150A6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6150A6
}
```

## Border

The CSS property to change the border of an element to Hex 6150A6 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".

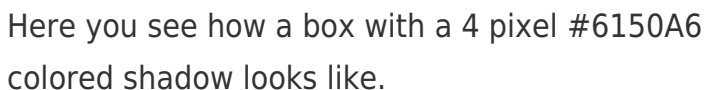
```
.border, #border, table{ border:4px solid
#6150A6 }
```

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

```
.border{ border-color:#6150A6 }
```

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

Here you see how a box with a 4 pixel #6150A6 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6150A6; -webkit-box-shadow:4px 4px  
4px 4px #6150A6; box-shadow:4px 4px 4px  
4px #6150A6 }
```

# Background

The CSS property to change the background color of an element to Hex 6150A6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6150A6 }
```

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

```
.background{ background-color:#6150A6 }
```

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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