

# Converting Colors

Hex(613BC5)

Have a look what the booklet for  
Hex(613BC5) contains.

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# Color

**Hex(613BC5)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	613BC5
RGB	97, 59, 197
RGB Percent	38%, 23%, 77%
CMY	0.6196, 0.7686, 0.2275
CMYK	0.51, 0.70, 0.00, 0.23
HSL	257°, 54%, 50%
HSV	257°, 70%, 77%
XYZ	16.5718, 9.7005, 53.8223
YIQ	86.0940, -21.6500, 50.9740

# Conversions

## Conversions Part 2

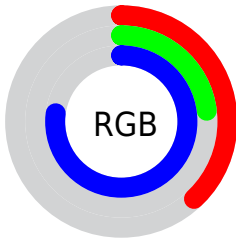
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	97, 59, 197
Decimal	6372293
CIE Lab	37.30, 49.59, -66.24
CIE LCh	37, 82.745, 306.819
Yxy	9.7005, 0.2069, 0.1211
Android (android.graphics.Color)	4284562373 (0xFF613BC5)
YUV	86.0940, 54.6767, 9.5646
Hunter-Lab	31.1457, 40.4701, -80.6560

# Details

The Hex color **613BC5** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted purple. A complement of this color would be **9FC53B**, and the grayscale version is **565656**.

A 20% lighter version of the original color is **9C6DFF**, and **1E078E** is the 20% darker color. If you saturate the color by 10%, you get **5327C5**, and if you desaturate by 10%, it is **6F4FC5**.

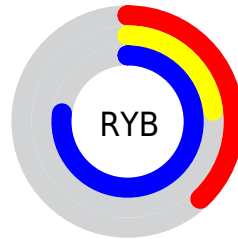
# Distribution



Red (38%)

Green (23%)

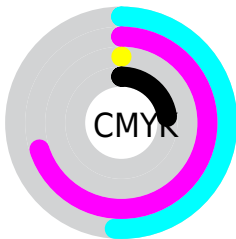
Blue (77%)



Red (38%)

Yellow (23%)

Blue (77%)

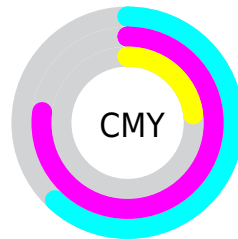


Cyan (51%)

Magenta (70%)

Yellow (0%)

Black (23%)



Cyan (62%)

Magenta (77%)

Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 613BC5 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 613BC5 by changing the saturation by 10% instead.



613BC5

613BC5

FFFFFF

4222A9

9C6DFF

1E078E

B987FF

000074

D7A2FF

00005A

F5BEFF

000741

FFDAFF

00032A

FFF7FF

000115

000000

613BC5

613BC5

 5327C5

 6F4FC5

 4414C5

 7E62C5

 3600C5

 8C76C5

 9A8AC5

 A89EC5

 B7B1C5

 C5C5C5

 D3D9C5

 E1ECC5

# Harmonies

## Analogous

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



005DE0



613BC5



AE008E

# Triad

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



613BC5



943F00



007166

# Complementary

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



613BC5



9FC53B

# 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.



006E1C



613BC5



5E5B00

# Square

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



613BC5



B90007



006800



0071A8

# Rectangle

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



613BC5



C20062



006800



00704F



# Sweetspot

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



613BC5



D8C9FF



3BA0C5



686080



000000



808080



# Same Dimension

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



613BC5



6429FF



A53BC5



5C5A63



2D00A3



0A0024



# Inverse Universe

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



C53B9F



FF29C4



5BC53B



635A61



A30076

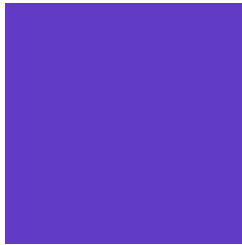


24001A



# Previews

## White Background



This preview shows how the Hex color 613BC5 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 ✓ Pass

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

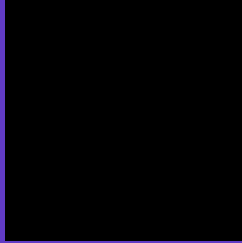
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 613BC5 Background



This preview shows how black text looks on a background with the Hex color 613BC5.

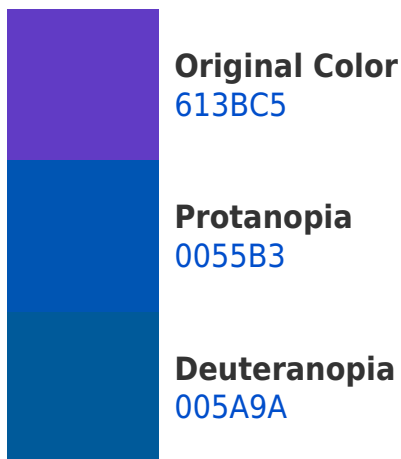



This preview shows how white text looks on a background with the Hex color 613BC5.

# 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](#).

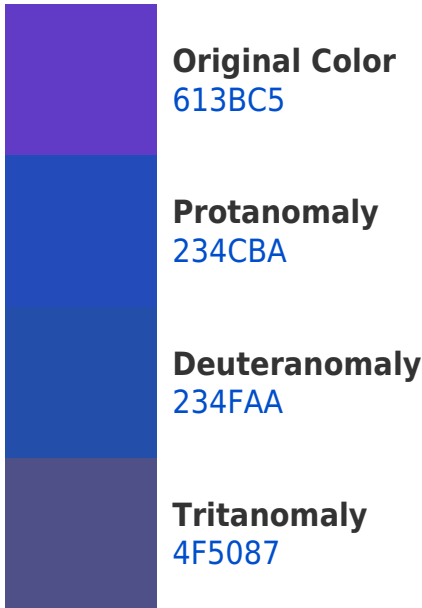
## Dichromacy





**Tritanopia**  
445C63

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 613BC5 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 #613BC5 looks like.

```
.text, #text, p{  
    color:#613BC5  
}
```

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 #613BC5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #613BC5
}
```

## Border

The CSS property to change the border of an element to Hex 613BC5 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".

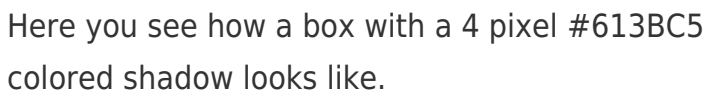
```
.border, #border, table{ border:4px solid
#613BC5 }
```

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

```
.border{ border-color:#613BC5 }
```

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

Here you see how a box with a 4 pixel #613BC5 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #613BC5; -webkit-box-shadow:4px 4px  
4px 4px #613BC5; box-shadow:4px 4px 4px  
4px #613BC5 }
```

# Background

The CSS property to change the background color of an element to Hex 613BC5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#613BC5 }
```

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

```
.background{ background-color:#613BC5 }
```

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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