

# Converting Colors

Hex(615EBC)

Have a look what the booklet for  
Hex(615EBC) contains.

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# Color

Hex(615EBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	615EBC
RGB	97, 94, 188
RGB Percent	38%, 37%, 74%
CMY	0.6196, 0.6314, 0.2627
CMYK	0.48, 0.50, 0.00, 0.26
HSL	242°, 41%, 55%
HSV	242°, 50%, 74%
XYZ	18.0096, 14.1776, 49.3643
YIQ	105.6130, -28.3860, 29.8700

# Conversions

## Conversions Part 2

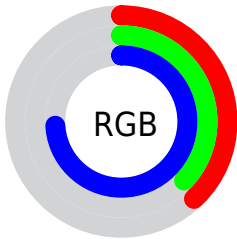
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 94, 188
Decimal	6381244
CIE <sub>Lab</sub>	44.49, 26.46, -49.36
CIE <sub>LCh</sub>	44, 56.004, 298.200
Yxy	14.1776, 0.2208, 0.1738
Android (android.graphics.Color)	4284571324 (0xFF615EBC)
YUV	105.6130, 40.6168, -7.5536
Hunter-Lab	37.6532, 19.4837, -51.3735




# Details

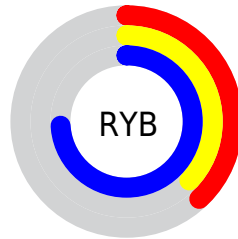
The Hex color **615EBC** is a dark color, and the websafe version is hex **6666CC**. A complement of this color would be **B9BC5E**, and the grayscale version is **696969**.




A 20% lighter version of the original color is **9990F5**, and **273086** is the 20% darker color. If you saturate the color by 10%, you get **4F4BBC**, and if you desaturate by 10%, it is **7371BC**.

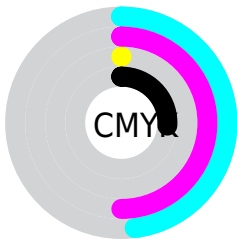
# Distribution







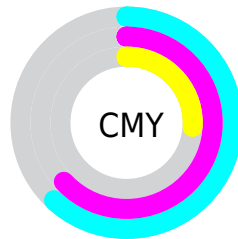
-  Red (38%)
-  Green (37%)
-  Blue (74%)






-  Red (38%)
-  Yellow (37%)
-  Blue (74%)



-  Cyan (48%)
-  Magenta (50%)
-  Yellow (0%)
-  Black (26%)



-  Cyan (62%)
-  Magenta (63%)
-  Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 615EBC 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 615EBC by changing the saturation by 10% instead.



■ 615EBC

■ 615EBC

FFFFFF

■ 4546A1

■ 9990F5

■ 273086

■ B5ABFF

■ 001B6C

■ D2C6FF

■ 000553

■ EFE2FF

■ 00043B

■ 000225

■ 00010D

■ 000000

■ 615EBC

■ 615EBC

■ 4F4BBC

■ 7371BC

■ 3D38BC

■ 8584BC

■ 2A26BC

■ 9896BC

■ 1813BC

■ AAA9BC

■ 0600BC

■ BCBCBC

■ CECFBC

■ E0E2BC

■ F3F4BC

■ FFFFBC

# Harmonies

## Analogous

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



0070C7



615EBC



9E479B

# Triad

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



615EBC



A45315



007E65

# Complementary

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



615EBC



B9BC5E

# 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.



007B35



615EBC



816600

# Square

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



615EBC



B93F40



537301



007E94

# Rectangle

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



615EBC



B33B7E



537301



007D55



# Sweetspot

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



615EBC



D1D0F5



5EBABC



65647A



FAFAFA



7A7A7A



# Same Dimension

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



615EBC



6762F5



8F5EBC



55555E



05009E



01001F



# Inverse Universe

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



BC5EB9



F562F0



8BBC5E



5E555E



9E0099

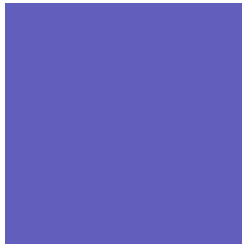


1F001E



# Previews

## White Background



This preview shows how the Hex color 615EBC 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

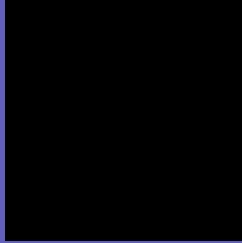
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 615EBC Background



This preview shows how black text looks on a background with the Hex color 615EBC.

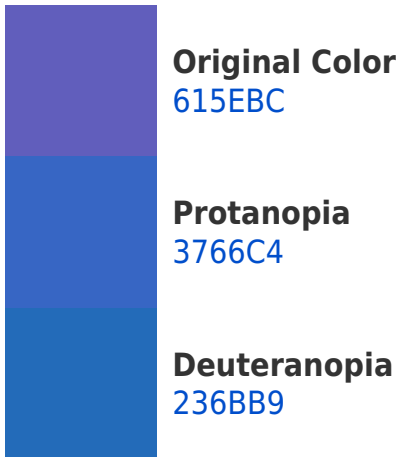


This preview shows how white text looks on a background with the Hex color 615EBC.

# 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](#).

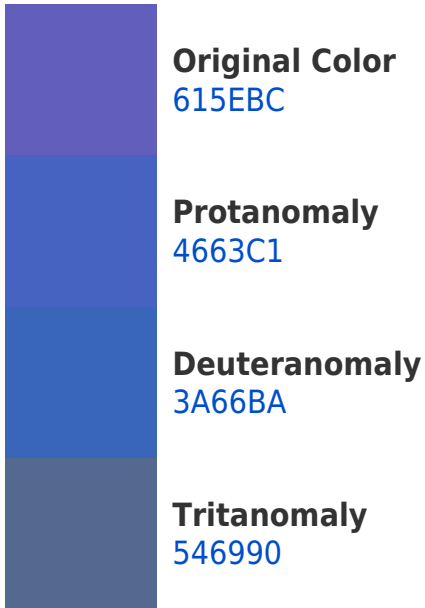
## Dichromacy





**Tritanopia**  
4D6F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 615EBC 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 #615EBC looks like.

```
.text, #text, p{  
    color:#615EBC  
}
```

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 #615EBC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #615EBC
}
```

## Border

The CSS property to change the border of an element to Hex 615EBC 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
#615EBC }
```

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

```
.border{ border-color:#615EBC }
```

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

Here you see how a box with a 4 pixel #615EBC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #615EBC; -webkit-box-shadow:4px 4px  
4px 4px #615EBC; box-shadow:4px 4px 4px  
4px #615EBC }
```

# Background

The CSS property to change the background color of an element to Hex 615EBC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#615EBC }
```

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

```
.background{ background-color:#615EBC }
```

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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