

# Converting Colors

Hex(611EBA)

Have a look what the booklet for  
Hex(611EBA) contains.

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**Color**

**Hex(611EBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	611EBA
RGB	97, 30, 186
RGB Percent	38%, 12%, 73%
CMY	0.6196, 0.8824, 0.2706
CMYK	0.48, 0.84, 0.00, 0.27
HSL	266°, 72%, 42%
HSV	266°, 84%, 73%
XYZ	14.2570, 7.0151, 47.0570
YIQ	67.8170, -10.1440, 62.7200

# Conversions

## Conversions Part 2

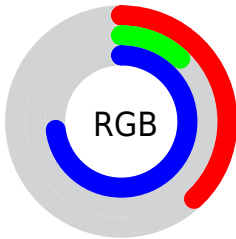
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	97, 30, 186
Decimal	6364858
CIE Lab	31.84, 59.45, -68.73
CIE LCh	32, 90.873, 310.861
Yxy	7.0151, 0.2087, 0.1027
Android (android.graphics.Color)	4284554938 (0xFF611EBA)
YUV	67.8170, 58.2642, 25.5935
Hunter-Lab	26.4860, 49.7328, -86.7986

# Details

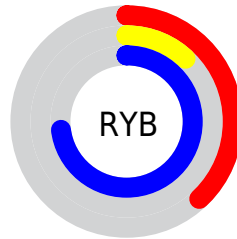
The Hex color **611EBA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **77BA1E**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **9C55F3**, and **1E0083** is the 20% darker color. If you saturate the color by 10%, you get **560BBA**, and if you desaturate by 10%, it is **6C31BA**.

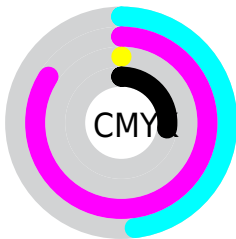
# Distribution



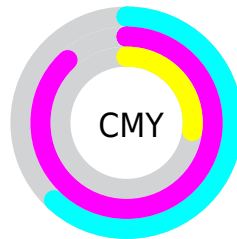
- Red (38%)
- Green (12%)
- Blue (73%)



- Red (38%)
- Yellow (12%)
- Blue (73%)



- Cyan (48%)
- Magenta (84%)
- Yellow (0%)
- Black (27%)



- Cyan (62%)
- Magenta (88%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 611EBA 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 611EBA by changing the saturation by 10% instead.



611EBA

611EBA

FFFFFF

42009E

9C55F3

1E0083

B96FFF

000069

D78AFF

000050

F5A6FF

000538

FFC2FF

000222

FFDFFF

000007

FFFCFF

000000

611EBA

611EBA

■ 560BBA

■ 6C31BA

■ 5000BA

■ 7643BA

■ 8156BA

■ 8B68BA

■ 967BBA

■ A18EBA

■ ABA0BA

■ B6B3BA

■ C1C5BA

# Harmonies

## Analogous

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



004FDC



611EBA



AC007C

# Triad

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



611EBA



803400



006364

# Complementary

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



611EBA



77BA1E

# 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.



006115



611EBA



455100

# Square

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



611EBA



AA0000



005D00



0064A9

# Rectangle

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



611EBA



BC004D



005D00



00634B



# Sweetspot

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



611EBA



D0B6F2



1E79BA



65567A



FAFAFA



7A7A7A



# Same Dimension

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



611EBA



6800F2



AD1EBA



57535C



43009C



0C001C



# Inverse Universe

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



BA1E77



F2008A



2BBA1E



5C5358



9C0059

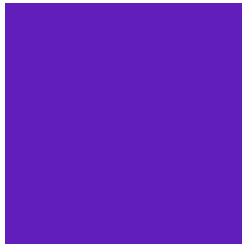


1C0010



# Previews

## White Background



This preview shows how the Hex color 611EBA looks on a white background.

## Color Contrast Check

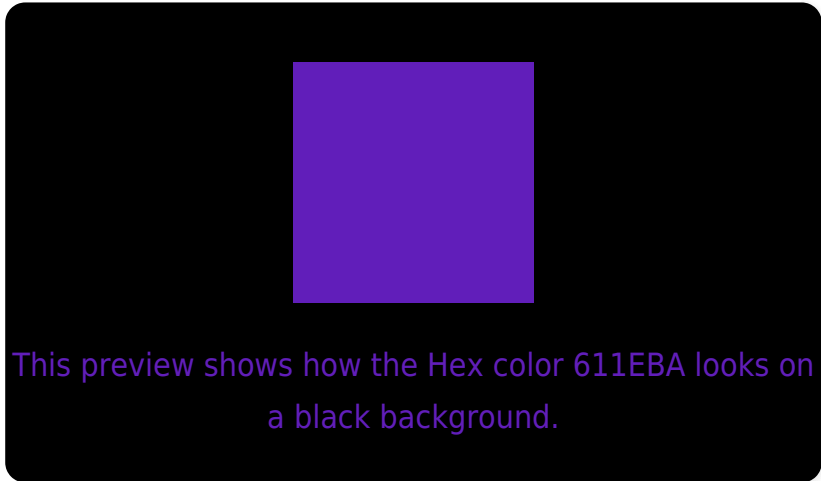
Large Text (above 18pt) WCAG AA ✓ Pass

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

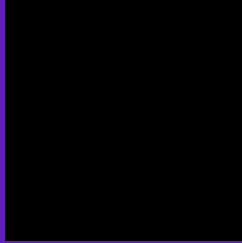
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 611EBA Background



This preview shows how black text looks on a background with the Hex color 611EBA.



This preview shows how white text looks on a background with the Hex color 611EBA.

# 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



**Original Color**  
611EBA

**Protanopia**  
00499A

**Deuteranopia**  
004E84



**Tritanopia**  
464C52

# Trichromacy



**Original Color**  
611EBA



**Protanomaly**  
2339A6



**Deuteranomaly**  
233D98



**Tritanomaly**  
503B78

# Monochromacy



**Original Color**  
611EBA



**Achromatopsia**  
444444



**Achromatomaly**  
4F366F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 611EBA 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 #611EBA looks like.

```
.text, #text, p{  
    color:#611EBA  
}
```

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 #611EBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #611EBA
}
```

## Border

The CSS property to change the border of an element to Hex 611EBA 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
#611EBA }
```

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

```
.border{ border-color:#611EBA }
```

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

Here you see how a box with a 4 pixel #611EBA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #611EBA; -webkit-box-shadow:4px 4px  
4px 4px #611EBA; box-shadow:4px 4px 4px  
4px #611EBA }
```

# Background

The CSS property to change the background color of an element to Hex 611EBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#611EBA }
```

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

```
.background{ background-color:#611EBA }
```

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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