

Converting Colors

Hex(6C3177)

Have a look what the booklet for
Hex(6C3177) contains.

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Color

Hex(6C3177)

Conversions

Conversions Part 1

Format	Color
Hex	6C3177
RGB	108, 49, 119
RGB Percent	42%, 19%, 47%
CMY	0.5765, 0.8078, 0.5333
CMYK	0.09, 0.59, 0.00, 0.53
HSL	291°, 42%, 33%
HSV	291°, 59%, 47%
XYZ	10.6124, 6.7167, 18.1899
YIQ	74.6210, 12.6940, 34.2780

Conversions

Conversions Part 2

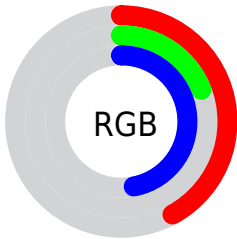
Format	Color
R_{YB}	108, 49, 119
Decimal	7090551
CIE _{Lab}	31.15, 37.52, -28.85
CIE _{LCh}	31, 47.331, 322.441
Yxy	6.7167, 0.2988, 0.1891
Android (android.graphics.Color)	4285280631 (0xFF6C3177)
YUV	74.6210, 21.8788, 29.2734
Hunter-Lab	25.9166, 27.7390, -23.4719

Details

The Hex color **6C3177** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3C7731**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **A163AC**, and **3A0046** is the 20% darker color. If you saturate the color by 10%, you get **6A2577**, and if you desaturate by 10%, it is **6E3D77**.

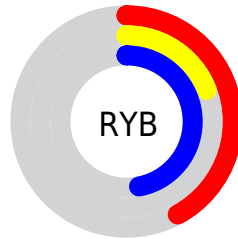
Distribution



Red (42%)

Green (19%)

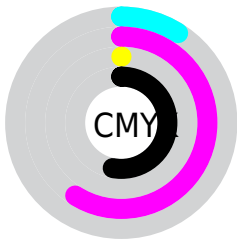
Blue (47%)



Red (42%)

Yellow (19%)

Blue (47%)

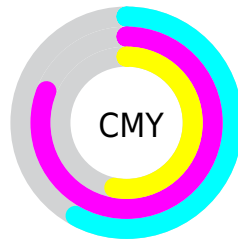


Cyan (9%)

Magenta (59%)

Yellow (0%)

Black (53%)



Cyan (58%)

Magenta (81%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6C3177 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 6C3177 by changing the saturation by 10% instead.

6C3177

6C3177

FFFFFF

52185E

A163AC

3A0046

BD7CC7

250030

D997E3

00011A

F6B2FF

000000

FFCEFF

FFEAFF

6C3177

6C3177

6A2577

6E3D77

681977

704977

660D77

725577

650177

736177

640077

756C77

777877

798477

7B9077

7D9C77

Harmonies

Analogous

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



31448E



6C3177



862054

Triad

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



6C3177



624400



005A65

Complementary

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



6C3177



3C7731

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.



00593E



6C3177



3F5000

Square

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



6C3177



7B340C



005618



005784

Rectangle

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



6C3177



8A1F3C



005618



005A58

Sweetspot

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



6C3177



97809C



313D77



4C3E4F



CFCFCF



4F4F4F

Same Dimension

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



6C3177



8A2D9C



773160



3A353B



67007A



D300FA

Inverse Universe

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



77313C



9C2D3E



317748



3B3536



7A0013



FA0027

Previews

White Background



This preview shows how the Hex color 6C3177 looks on a white background.

Color Contrast Check

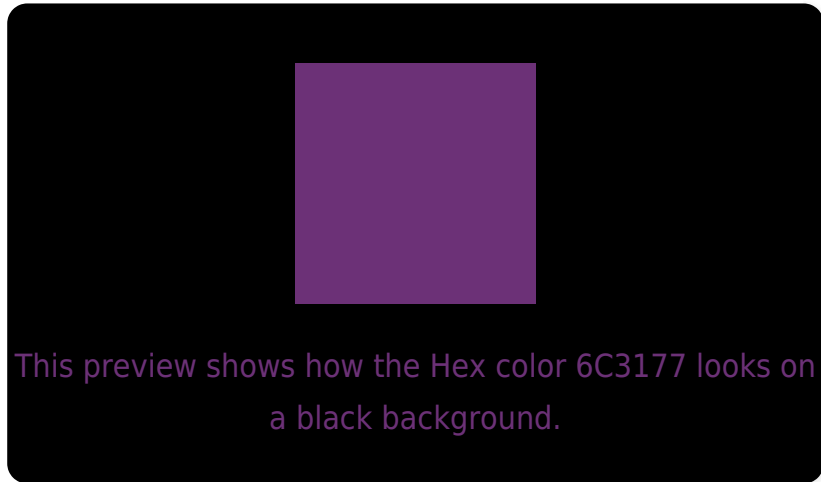
Large Text (above 18pt) WCAG AA ✓ Pass

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

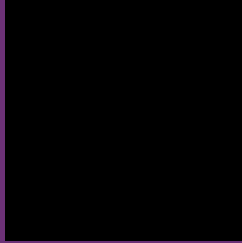
Any Text WCAG AA × Fail

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 6C3177 Background



This preview shows how black text looks on a background with the Hex color 6C3177.

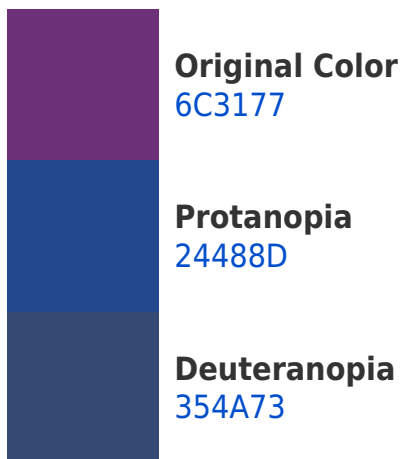



This preview shows how white text looks on a background with the Hex color 6C3177.

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
653F44

Trichromacy



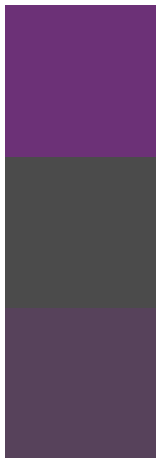
Original Color
6C3177

Protanomaly
3E4085

Deuteranomaly
494174

Tritanomaly
683A57

Monochromacy



Original Color
6C3177

Achromatopsia
4B4B4B

Achromatomaly
57425B

CSS Examples

Text

The CSS property to change the color of the text to Hex 6C3177 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 #6C3177 looks like.

```
.text, #text, p{  
    color:#6C3177  
}
```

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 #6C3177 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C3177
}
```

Border

The CSS property to change the border of an element to Hex 6C3177 is called "border". The border property can be set on classes, ids or directly on the HTML element.

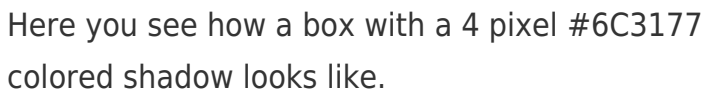
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C3177 }
```

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

```
.border{ border-color:#6C3177 }
```

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



Here you see how a box with a 4 pixel #6C3177 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C3177; -webkit-box-shadow:4px 4px  
4px 4px #6C3177; box-shadow:4px 4px 4px  
4px #6C3177 }
```

Background

The CSS property to change the background color of an element to Hex 6C3177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C3177 }
```

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

```
.background{ background-color:#6C3177 }
```

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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