

# Converting Colors

Hex(6C2577)

Have a look what the booklet for  
Hex(6C2577) contains.

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# Color

**Hex(6C2577)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C2577
RGB	108, 37, 119
RGB Percent	42%, 15%, 47%
CMY	0.5765, 0.8549, 0.5333
CMYK	0.09, 0.69, 0.00, 0.53
HSL	292°, 53%, 31%
HSV	292°, 69%, 47%
XYZ	10.1757, 5.8432, 18.0443
YIQ	67.5770, 15.9940, 40.5540

# Conversions

## Conversions Part 2

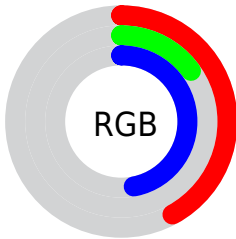
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 37, 119
Decimal	7087479
CIE <sub>Lab</sub>	29.01, 43.39, -32.25
CIE <sub>LCh</sub>	29, 54.064, 323.383
Yxy	5.8432, 0.2987, 0.1715
Android (android.graphics.Color)	4285277559 (0xFF6C2577)
YUV	67.5770, 25.3515, 35.4510
Hunter-Lab	24.1727, 32.8388, -27.3376

# Details

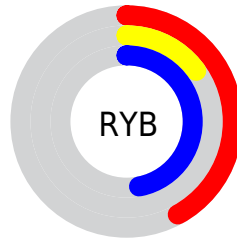
The Hex color **6C2577** is a dark color, and the websafe version is hex **660066**. A complement of this color would be **307725**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **A258AC**, and **390046** is the 20% darker color. If you saturate the color by 10%, you get **6A1977**, and if you desaturate by 10%, it is **6E3177**.

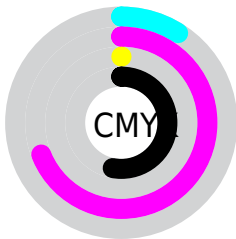
# Distribution



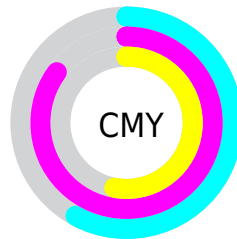
- Red (42%)
- Green (15%)
- Blue (47%)



- Red (42%)
- Yellow (15%)
- Blue (47%)



- Cyan (9%)
- Magenta (69%)
- Yellow (0%)
- Black (53%)



- Cyan (58%)
- Magenta (85%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C2577 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 6C2577 by changing the saturation by 10% instead.



6C2577

6C2577

FFFFFF

52075E

A258AC

390046

BE72C7

24002F

DA8CE3

000119

F7A7FF

000000

FFC3FF

FFE0FF

FFFDFF

6C2577

6C2577

■ 6A1977

■ 6E3177

■ 690D77

■ 6F3D77

■ 670177

■ 714977

■ 670077

■ 725577

■ 746177

■ 766C77

■ 777877

■ 798477

■ 7A9077

# Harmonies

## Analogous

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



233E92



6C2577



880350

# Triad

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



6C2577



5C3F00



005665

# Complementary

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



6C2577



307725

# 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.



005539



6C2577



364C00

# Square

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



6C2577



7A2B00



00520A



005488

# Rectangle

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



6C2577



8C0234



00520A



005657



# Sweetspot

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



6C2577



977B9C



253177



4C3B4F



CFCFCF



4F4F4F



# Same Dimension

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



6C2577



8A1A9C



77255A



3A353B



6A007A



D800FA



# Inverse Universe

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



772530



9C1A2C



257742



3B3536



7A0010

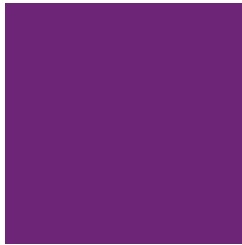


FA0022



# Previews

## White Background



This preview shows how the Hex color 6C2577 looks on a white background.

## Color Contrast Check

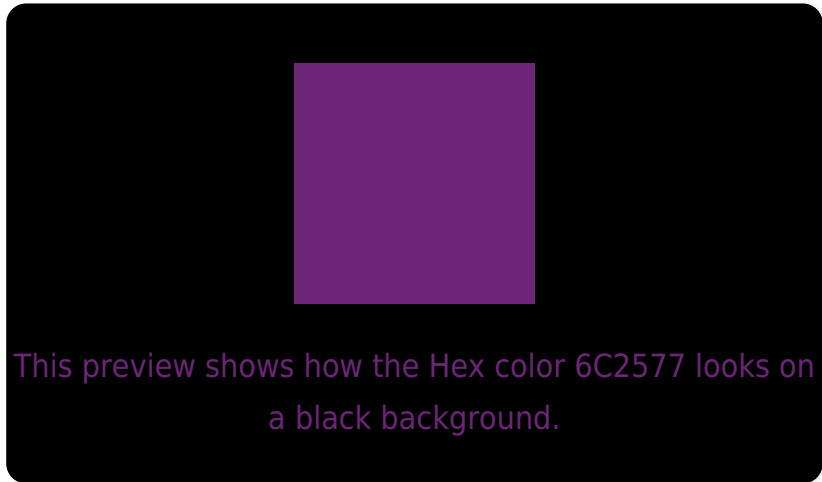
Large Text (above 18pt) WCAG AA ✓ Pass

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

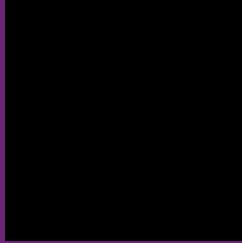
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C2577 Background



This preview shows how black text looks on a background with the Hex color 6C2577.



This preview shows how white text looks on a background with the Hex color 6C2577.

# 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**  
6C2577

**Protanopia**  
00438E

**Deuteranopia**  
2A4671



**Tritanopia**  
64383C

# Trichromacy



**Original Color**  
6C2577



**Protanomaly**  
273886



**Deuteranomaly**  
423A73



**Tritanomaly**  
673151

# Monochromacy



**Original Color**  
6C2577



**Achromatopsia**  
444444



**Achromatomaly**  
533957

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C2577 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 #6C2577 looks like.

```
.text, #text, p{  
    color:#6C2577  
}
```

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 #6C2577 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C2577
}
```

## Border

The CSS property to change the border of an element to Hex 6C2577 is called "border". The border property can be set on classes, ids or directly on the HTML element.

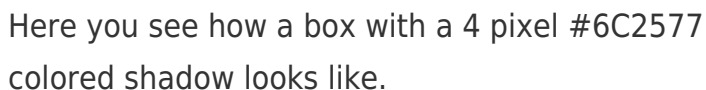
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6C2577 }
```

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

```
.border{ border-color:#6C2577 }
```

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



Here you see how a box with a 4 pixel #6C2577 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C2577; -webkit-box-shadow:4px 4px  
4px 4px #6C2577; box-shadow:4px 4px 4px  
4px #6C2577 }
```

# Background

The CSS property to change the background color of an element to Hex 6C2577 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C2577 }
```

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

```
.background{ background-color:#6C2577 }
```

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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