

# Converting Colors

Hex(6C17AD)

Have a look what the booklet for  
Hex(6C17AD) contains.

<b>Hex(6C17AD)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(6C17AD)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C17AD
RGB	108, 23, 173
RGB Percent	42%, 9%, 68%
CMY	0.5765, 0.9098, 0.3216
CMYK	0.38, 0.87, 0.00, 0.32
HSL	274°, 77%, 38%
HSV	274°, 87%, 68%
XYZ	14.0336, 6.8181, 40.1115
YIQ	65.5150, 2.5100, 64.6700

# Conversions

## Conversions Part 2

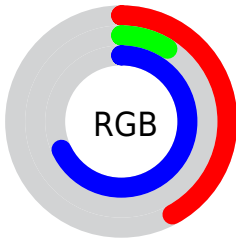
Format	Color
R <sub>Y</sub> B	108, 23, 173
Decimal	7083949
CIE Lab	31.39, 60.01, -61.67
CIE LCh	31, 86.044, 314.218
Yxy	6.8181, 0.2302, 0.1118
Android (android.graphics.Color)	4285274029 (0xFF6C17AD)
YUV	65.5150, 52.9901, 37.2593
Hunter-Lab	26.1114, 50.2397, -72.8014

# Details

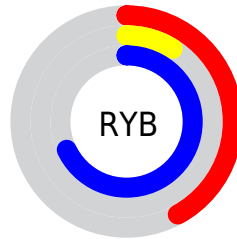
The Hex color **6C17AD** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **58AD17**, and the grayscale version is **414141**.

A 20% lighter version of the original color is **A551E6**, and **310077** is the 20% darker color. If you saturate the color by 10%, you get **6506AD**, and if you desaturate by 10%, it is **7328AD**.

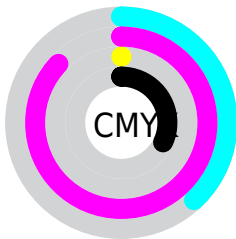
# Distribution



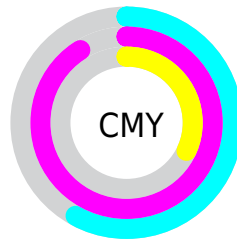
- Red (42%)
- Green (9%)
- Blue (68%)



- Red (42%)
- Yellow (9%)
- Blue (68%)



- Cyan (38%)
- Magenta (87%)
- Yellow (0%)
- Black (32%)



- Cyan (58%)
- Magenta (91%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C17AD 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 6C17AD by changing the saturation by 10% instead.



6C17AD

6C17AD

FFFFFF

4F0092

A551E6

310077

C26CFF

12005E

E087FF

000045

FEA3FF

00032E

FFBFFF

000118

FFDCFF

000000

FFF9FF

6C17AD

6C17AD

6506AD

7328AD

6200AD

7B3AAD

824BAD

8A5CAD

916EAD

997FAD

A090AD

A8A1AD

AFB3AD

# Harmonies

## Analogous

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



004AD1



6C17AD



A90070

# Triad

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



6C17AD



773900



00626A

# Complementary

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



6C17AD



58AD17

# 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.



006021



6C17AD



3D5100

# Square

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



6C17AD



A10000



005B00



0062A9

# Rectangle

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



6C17AD



B60044



005B00



006152



# Sweetspot

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



6C17AD



C7A6E0



1758AD



614D70



F0F0F0



707070



# Same Dimension

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



6C17AD



7F00E0



AD17A3



534E57



550096



0D0017



# Inverse Universe

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



AD1758



E00061



17AD21



574E52



960041

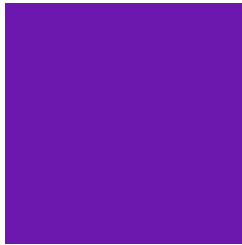


17000A



# Previews

## White Background



This preview shows how the Hex color 6C17AD looks on a white background.

## Color Contrast Check

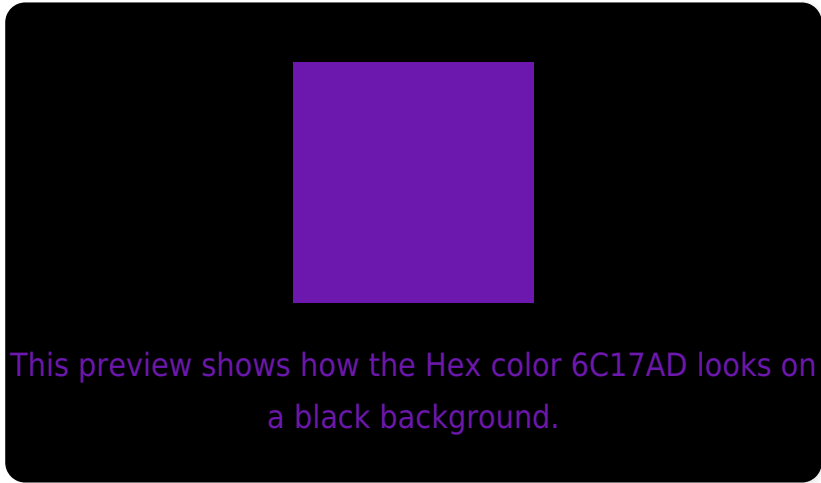
Large Text (above 18pt) WCAG AA ✓ Pass

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

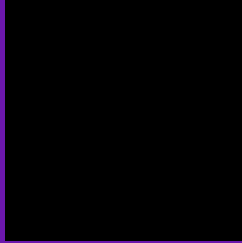
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C17AD Background



This preview shows how black text looks on a background with the Hex color 6C17AD.



This preview shows how white text looks on a background with the Hex color 6C17AD.

# 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**  
6C17AD

**Protanopia**  
004999

**Deuteranopia**  
004D84



**Tritanopia**  
58464B

# Trichromacy



**Original Color**  
6C17AD



**Protanomaly**  
2737A0



**Deuteranomaly**  
273993



**Tritanomaly**  
5F356F

# Monochromacy



**Original Color**  
6C17AD



**Achromatopsia**  
424242



**Achromatomaly**  
513269

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C17AD 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 #6C17AD looks like.

```
.text, #text, p{  
    color:#6C17AD  
}
```

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 #6C17AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C17AD }  
}
```

## Border

The CSS property to change the border of an element to Hex 6C17AD 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 #6C17AD }  
}
```

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

```
.border{ border-color:#6C17AD }
```

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

Here you see how a box with a 4 pixel #6C17AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C17AD; -webkit-box-shadow:4px 4px  
4px 4px #6C17AD; box-shadow:4px 4px 4px  
4px #6C17AD }
```

# Background

The CSS property to change the background color of an element to Hex 6C17AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C17AD }
```

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

```
.background{ background-color:#6C17AD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor