

# Converting Colors

Hex(6C27D1)

Have a look what the booklet for  
Hex(6C27D1) contains.

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# Color

**Hex(6C27D1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6C27D1
RGB	108, 39, 209
RGB Percent	42%, 15%, 82%
CMY	0.5765, 0.8471, 0.1804
CMYK	0.48, 0.81, 0.00, 0.18
HSL	264°, 69%, 49%
HSV	264°, 81%, 82%
XYZ	18.4185, 9.2426, 61.1348
YIQ	79.0110, -13.4460, 67.4980

# Conversions

## Conversions Part 2

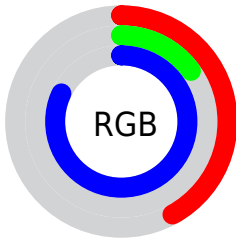
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	108, 39, 209
Decimal	7088081
CIE <sub>Lab</sub>	36.45, 63.27, -74.57
CIE <sub>LCh</sub>	36, 97.797, 310.315
Yxy	9.2426, 0.2074, 0.1041
Android (android.graphics.Color)	4285278161 (0xFF6C27D1)
YUV	79.0110, 64.0846, 25.4234
Hunter-Lab	30.4017, 54.9390, -97.9452

# Details

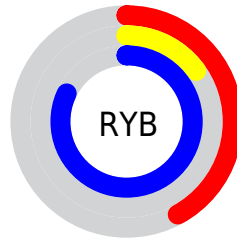
The Hex color **6C27D1** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark washed purple. A complement of this color would be **8CD127**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **A85EFF**, and **290099** is the 20% darker color. If you saturate the color by 10%, you get **6012D1**, and if you desaturate by 10%, it is **783CD1**.

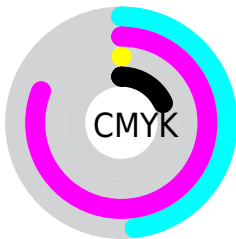
# Distribution



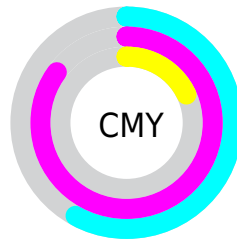
- Red (42%)
- Green (15%)
- Blue (82%)



- Red (42%)
- Yellow (15%)
- Blue (82%)



- Cyan (48%)
- Magenta (81%)
- Yellow (0%)
- Black (18%)



- Cyan (58%)
- Magenta (85%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6C27D1 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 6C27D1 by changing the saturation by 10% instead.



 6C27D1

 6C27D1

FFFFFF

 4D00B5

 A85EFF

 290099

 C679FF

 00007E

 E494FF

 000064

 FFB0FF

 00054B

 FFCCFF

 000433

 FFE9FF

 00021D

 000000

 6C27D1

 6C27D1

■ 6012D1

■ 783CD1

■ 5500D1

■ 8551D1

■ 9166D1

■ 9E7BD1

■ AA90D1

■ B7A4D1

■ C3B9D1

■ CFCED1

■ DCE3D1

# Harmonies

## Analogous

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



005BF6



6C27D1



BF008D

# Triad

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



6C27D1



923C00



007170

# Complementary

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



6C27D1



8CD127

# 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.



006E19



6C27D1



515C00

# Square

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



6C27D1



C00000



006900



0072BC

# Rectangle

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



6C27D1



D20059



006900



007055



# Sweetspot

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



6C27D1



DBC2FF



278DD1



6A5B80



000000



808080



# Same Dimension

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



6C27D1



6B05FF



C027D1



625E69



4400A8



110029



# Inverse Universe

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



D1278C



FF059A



38D127



695E64



A80064

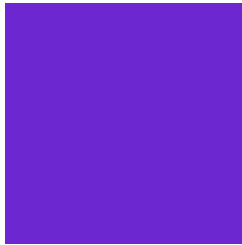


290018



# Previews

## White Background



This preview shows how the Hex color 6C27D1 looks on a white background.

## Color Contrast Check

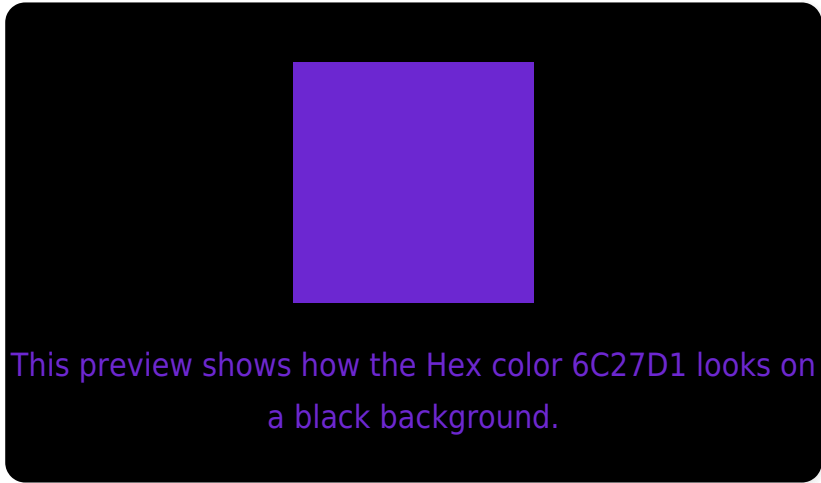
Large Text (above 18pt) WCAG AA ✓ Pass

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

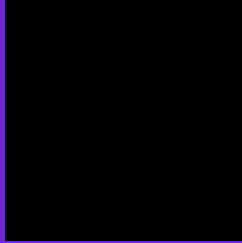
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6C27D1 Background



This preview shows how black text looks on a background with the Hex color 6C27D1.

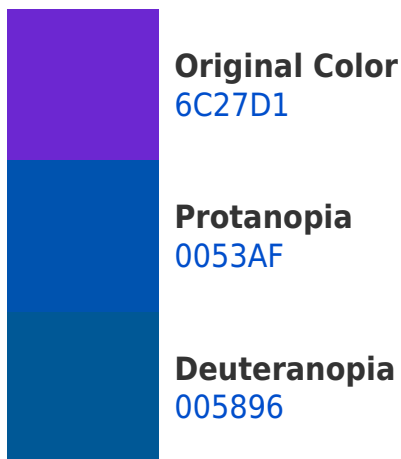


This preview shows how white text looks on a background with the Hex color 6C27D1.

# 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**  
4D575E

# Trichromacy



**Original Color**  
6C27D1



**Protanomaly**  
2743BB



**Deuteranomaly**  
2746AB



**Tritanomaly**  
584688

# Monochromacy



**Original Color**  
6C27D1



**Achromatopsia**  
4F4F4F



**Achromatomaly**  
5A407E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6C27D1 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 #6C27D1 looks like.

```
.text, #text, p{  
    color:#6C27D1  
}
```

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 #6C27D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6C27D1
}
```

## Border

The CSS property to change the border of an element to Hex 6C27D1 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
#6C27D1 }
```

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

```
.border{ border-color:#6C27D1 }
```

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

Here you see how a box with a 4 pixel #6C27D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6C27D1; -webkit-box-shadow:4px 4px  
4px 4px #6C27D1; box-shadow:4px 4px 4px  
4px #6C27D1 }
```

# Background

The CSS property to change the background color of an element to Hex 6C27D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6C27D1 }
```

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

```
.background{ background-color:#6C27D1 }
```

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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