

# Converting Colors

Hex(6D09D2)

Have a look what the booklet for  
Hex(6D09D2) contains.

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**Color**

**Hex(6D09D2)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6D09D2
RGB	109, 9, 210
RGB Percent	43%, 4%, 82%
CMY	0.5725, 0.9647, 0.1765
CMYK	0.48, 0.96, 0.00, 0.18
HSL	270°, 92%, 43%
HSV	270°, 96%, 82%
XYZ	18.0372, 8.0997, 61.5855
YIQ	61.8140, -4.9210, 83.7110

# Conversions

## Conversions Part 2

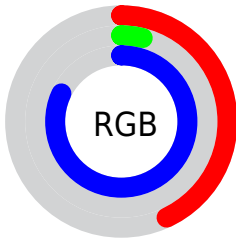
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	109, 9, 210
Decimal	7145938
CIE <sub>Lab</sub>	34.19, 70.99, -78.87
CIE <sub>LCh</sub>	34, 106.114, 311.993
Yxy	8.0997, 0.2056, 0.0923
Android (android.graphics.Color)	4285336018 (0xFF6D09D2)
YUV	61.8140, 73.0557, 41.3821
Hunter-Lab	28.4600, 63.3236, -108.3774

# Details

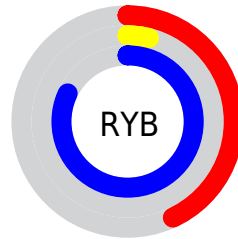
The Hex color **6D09D2** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **6ED209**, and the grayscale version is **3D3D3D**.

A 20% lighter version of the original color is **AA4EFF**, and **28009A** is the 20% darker color. If you saturate the color by 10%, you get **6800D2**, and if you desaturate by 10%, it is **781ED2**.

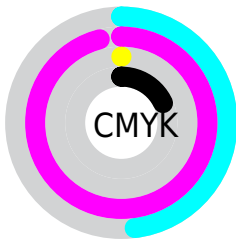
# Distribution



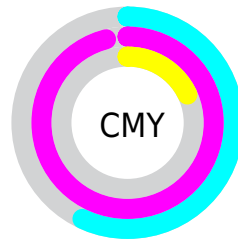
- Red (43%)
- Green (4%)
- Blue (82%)



- Red (43%)
- Yellow (4%)
- Blue (82%)



- Cyan (48%)
- Magenta (96%)
- Yellow (0%)
- Black (18%)



- Cyan (57%)
- Magenta (96%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6D09D2 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 6D09D2 by changing the saturation by 10% instead.



 6D09D2

 6D09D2


FFFFFF

 4D00B6

 AA4EFF

 28009A

 C86AFF

 00007F

 E786FF

 000065

 FFA2FF

 00074C

 FFBFFF

 000434

 FFDCFF

 00021E

 FFF9FF

 000000

 6D09D2

 6D09D2

6800D2

781ED2

8233D2

8D48D2

975DD2

A272D2

AC87D2

B79CD2

C1B1D2

CCC6D2

# Harmonies

## Analogous

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



0055FD



6D09D2



C30087

# Triad

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



6D09D2



8B3700



006C72

# Complementary

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



6D09D2



6ED209

# 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.



006913



6D09D2



435800

# Square

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



6D09D2



BD0000



006500



006EC3

# Rectangle

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



6D09D2



D50050



006500



006B54



# Sweetspot

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



6D09D2



DAB5FF



0971D2



695380



000000



808080



# Same Dimension

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



6D09D2



7F00FF



CF09D2



635E69



5400A8



140029



# Inverse Universe

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



D2096E



FF0080



0CD209



695E63



A80055

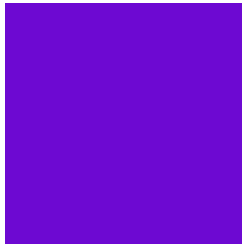


290015



# Previews

## White Background



This preview shows how the Hex color 6D09D2 looks on a white background.

## Color Contrast Check

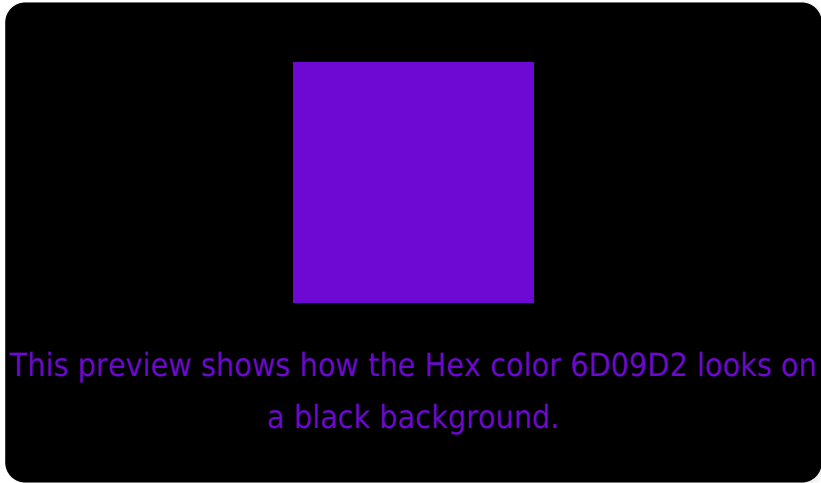
Large Text (above 18pt) WCAG AA ✓ Pass

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

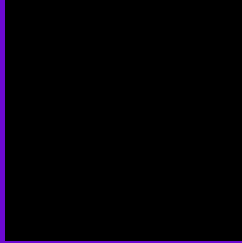
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6D09D2 Background



This preview shows how black text looks on a background with the Hex color 6D09D2.



This preview shows how white text looks on a background with the Hex color 6D09D2.

# 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**  
6D09D2

**Protanopia**  
004FA6

**Deuteranopia**  
00548E



**Tritanopia**  
4D5259

# Trichromacy



**Original Color**  
6D09D2



**Protanomaly**  
2836B6



**Deuteranomaly**  
2839A7



**Tritanomaly**  
593785

# Monochromacy



**Original Color**  
6D09D2



**Achromatopsia**  
3E3E3E



**Achromatomaly**  
4F2B74

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6D09D2 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 #6D09D2 looks like.

```
.text, #text, p{  
    color:#6D09D2  
}
```

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 #6D09D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6D09D2
}
```

## Border

The CSS property to change the border of an element to Hex 6D09D2 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".

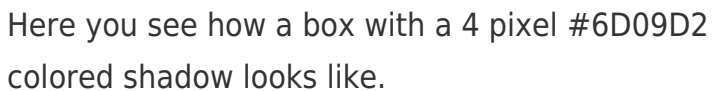
```
.border, #border, table{ border:4px solid
#6D09D2 }
```

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

```
.border{ border-color:#6D09D2 }
```

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

Here you see how a box with a 4 pixel #6D09D2 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset, 4px blur, 4px spread, and #6D09D2 color.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6D09D2; -webkit-box-shadow:4px 4px  
4px 4px #6D09D2; box-shadow:4px 4px 4px  
4px #6D09D2 }
```

# Background

The CSS property to change the background color of an element to Hex 6D09D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6D09D2 }
```

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

```
.background{ background-color:#6D09D2 }
```

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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