

# Converting Colors

Hex(6901DC)

Have a look what the booklet for  
Hex(6901DC) contains.

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**Color**

**Hex(6901DC)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6901DC
RGB	105, 1, 220
RGB Percent	41%, 0%, 86%
CMY	0.5882, 0.9961, 0.1373
CMYK	0.52, 1.00, 0.00, 0.14
HSL	268°, 99%, 43%
HSV	268°, 100%, 86%
XYZ	18.7548, 8.1923, 68.3029
YIQ	57.0620, -8.3150, 90.1570

# Conversions

## Conversions Part 2

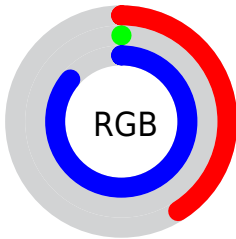
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	105, 1, 220
Decimal	6881756
CIE <sub>Lab</sub>	34.38, 73.93, -84.35
CIE <sub>LCh</sub>	34, 112.163, 311.237
Yxy	8.1923, 0.1969, 0.0860
Android (android.graphics.Color)	4285071836 (0xFF6901DC)
YUV	57.0620, 80.3284, 42.0416
Hunter-Lab	28.6221, 66.8744, -121.4521

# Details

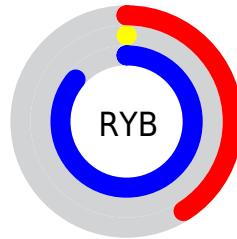
The Hex color **6901DC** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **74DC01**, and the grayscale version is **383838**.

A 20% lighter version of the original color is **A84CFF**, and **1B00A3** is the 20% darker color. If you saturate the color by 10%, you get **6800DC**, and if you desaturate by 10%, it is **7517DC**.

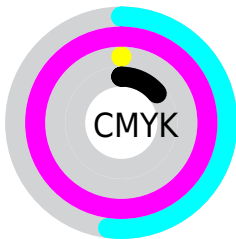
# Distribution



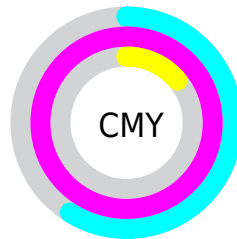
- Red (41%)
- Green (0%)
- Blue (86%)



- Red (41%)
- Yellow (0%)
- Blue (86%)



- Cyan (52%)
- Magenta (100%)
- Yellow (0%)
- Black (14%)



- Cyan (59%)
- Magenta (100%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 6901DC 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 6901DC by changing the saturation by 10% instead.



 6901DC

 6901DC

FFFFFF

 4700BF

 A84CFF

 1B00A3

 C668FF

 000088

 E584FF

 00006E

 FFA0FF

 000654

 FFBDFD

 00063C

 FFDAFF

 000225

 FFF8FF

 00010D

 000000

■ 6901DC

■ 6901DC

■ 6800DC

■ 7517DC

■ 802DDC

■ 8C43DC

■ 9759DC

■ A36FDC

■ AE85DC

■ BA9BDC

■ C5B1DC

■ D1C7DC

# Harmonies

## Analogous

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



0057FF



6901DC



C9008D

# Triad

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



6901DC



8F3400



006D72

# Complementary

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



6901DC



74DC01

# 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.



006A09



6901DC



445900

# Square

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



6901DC



C40000



006600



006FC9

# Rectangle

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



6901DC



DC0052



006600



006C53



# Sweetspot

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



6901DC



D7B3FF



0176DC



675280



000000



808080



# Same Dimension

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



6901DC



7900FF



D501DC



68636E



5200AD



16002E



# Inverse Universe

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



DC0174



FF0086



08DC01



6E6368



AD005B

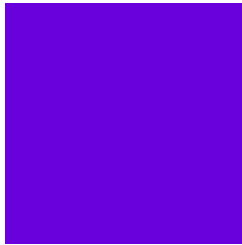


2E0018



# Previews

## White Background



This preview shows how the Hex color 6901DC looks on a white background.

## Color Contrast Check

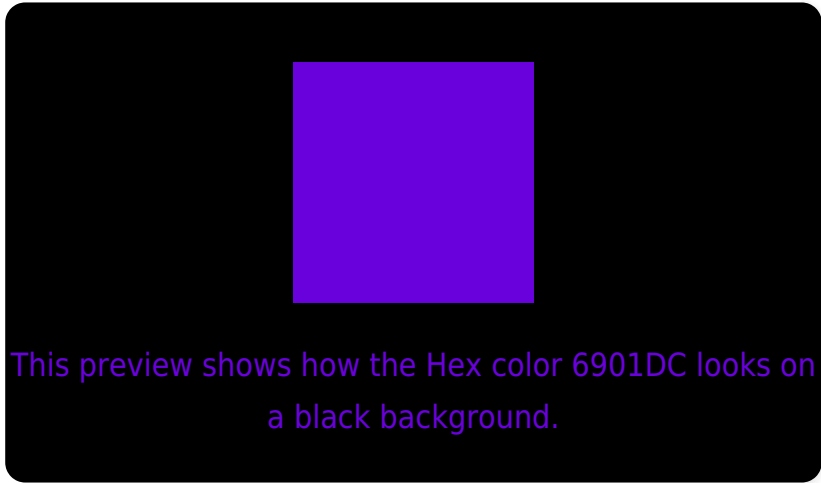
Large Text (above 18pt) WCAG AA ✓ Pass

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

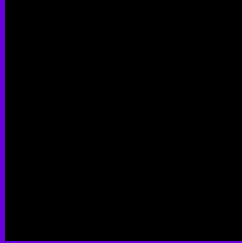
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 6901DC Background



This preview shows how black text looks on a background with the Hex color 6901DC.

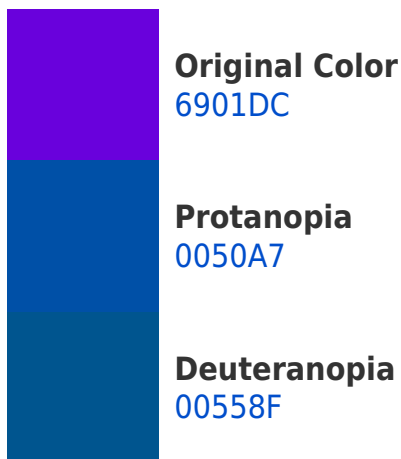


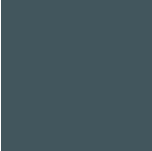
This preview shows how white text looks on a background with the Hex color 6901DC.

# 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**  
42565D

# Trichromacy



**Original Color**  
6901DC



**Protanomaly**  
2633BA



**Deuteranomaly**  
2636AB



**Tritanomaly**  
50378B

# Monochromacy



**Original Color**  
6901DC



**Achromatopsia**  
393939



**Achromatomaly**  
4A2574

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 6901DC 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 #6901DC looks like.

```
.text, #text, p{  
    color:#6901DC  
}
```

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 #6901DC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6901DC
}
```

## Border

The CSS property to change the border of an element to Hex 6901DC is called "border". The border property can be set on classes, ids or directly on the HTML element.

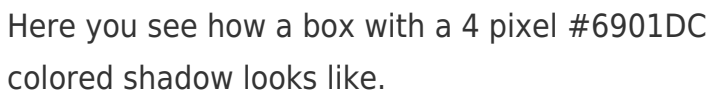
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6901DC }
```

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

```
.border{ border-color:#6901DC }
```

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



Here you see how a box with a 4 pixel #6901DC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6901DC; -webkit-box-shadow:4px 4px  
4px 4px #6901DC; box-shadow:4px 4px 4px  
4px #6901DC }
```

# Background

The CSS property to change the background color of an element to Hex 6901DC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6901DC }
```

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

```
.background{ background-color:#6901DC }
```

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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