

Converting Colors

Hex(6900D1)

Have a look what the booklet for
Hex(6900D1) contains.

Hex(6900D1)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(6900D1)

Conversions

Conversions Part 1

Format	Color
Hex	6900D1
RGB	105, 0, 209
RGB Percent	41%, 0%, 82%
CMY	0.5882, 1.0000, 0.1804
CMYK	0.50, 1.00, 0.00, 0.18
HSL	270°, 100%, 41%
HSV	270°, 100%, 82%
XYZ	17.3343, 7.6067, 60.8762
YIQ	55.2210, -4.5090, 87.2590

Conversions

Conversions Part 2

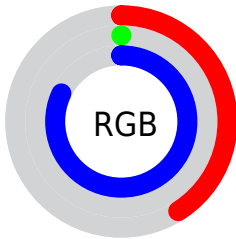
Format	Color
R_{YB}	105, 0, 209
Decimal	6881489
CIE _{Lab}	33.15, 71.69, -80.02
CIE _{LCh}	33, 107.441, 311.858
Yxy	7.6067, 0.2020, 0.0886
Android (android.graphics.Color)	4285071569 (0xFF6900D1)
YUV	55.2210, 75.8130, 43.6562
Hunter-Lab	27.5803, 63.9226, -111.5610

Details

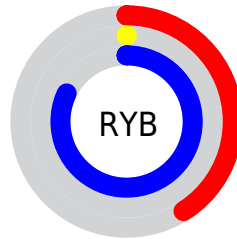
The Hex color **6900D1** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed purple. A complement of this color would be **68D100**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **A64BFF**, and **210099** is the 20% darker color. If you saturate the color by 10%, you get **6900D1**, and if you desaturate by 10%, it is **7315D1**.

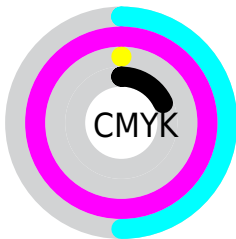
Distribution



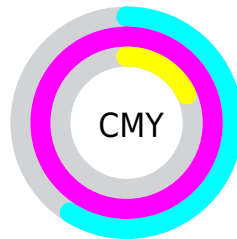
- Red (41%)
- Green (0%)
- Blue (82%)



- Red (41%)
- Yellow (0%)
- Blue (82%)



- Cyan (50%)
- Magenta (100%)
- Yellow (0%)
- Black (18%)



- Cyan (59%)
- Magenta (100%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 6900D1 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 6900D1 by changing the saturation by 10% instead.

 6900D1

 6900D1

FFFFFF

 4800B5

 A64BFF

 210099

 C567FF

 00007E

 E383FF

 000064

 FF9FFF

 00094B

 FFBBFF

 000433

 FFD8FF

 00021D

 FFF6FF

 000000

 6900D1

 7315D1

 7E2AD1

 883FD1

 9354D1

 9D69D1

 A77DD1

 B292D1

 BCA7D1

 C7BCD1

Harmonies

Analogous

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



0053FC



6900D1



C10085

Triad

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



6900D1



883400



00696F

Complementary

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



6900D1



68D100

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.



00660E



6900D1



405600

Square

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



6900D1



BB0000



006200



006BC1

Rectangle

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



6900D1



D3004E



006200



006852

Sweetspot

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



6900D1



D9B3FF



0069D1



695280



000000



808080

Same Dimension

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



6900D1



8000FF



D100D1



635E69



5500A8



140029

Inverse Universe

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



D10068



FF007F



00D100



695E63



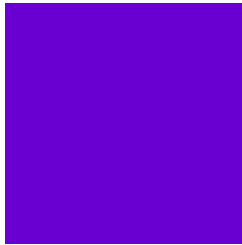
A80054



290014

Previews

White Background



This preview shows how the Hex color 6900D1 looks on a white background.

Color Contrast Check

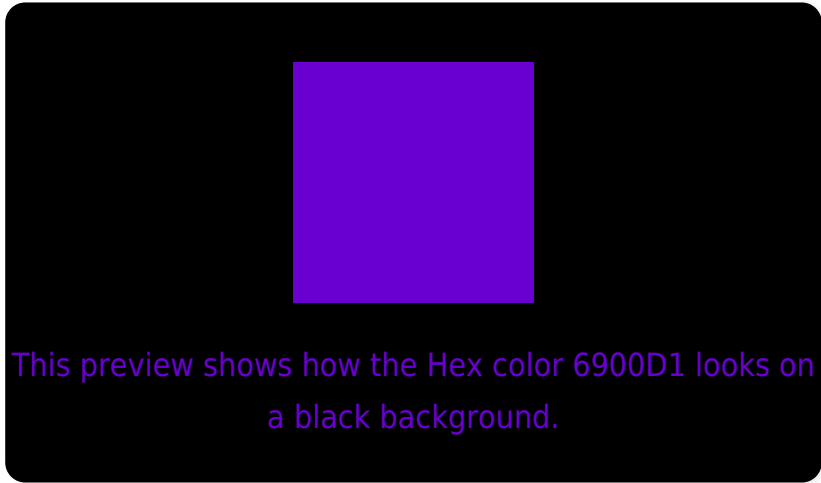
Large Text (above 18pt) WCAG AA ✓ Pass

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

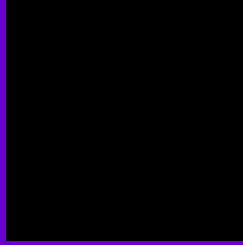
Any Text WCAG AA × Fail

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 6900D1 Background



This preview shows how black text looks on a background with the Hex color 6900D1.



This preview shows how white text looks on a background with the Hex color 6900D1.

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
6900D1

Protanopia
004DA2

Deuteranopia
00528B



Tritanopia
475158

Trichromacy



Original Color
6900D1



Protanomaly
2631B3



Deuteranomaly
2634A4



Tritanomaly
533484

Monochromacy



Original Color
6900D1



Achromatopsia
373737



Achromatomaly
49236F

CSS Examples

Text

The CSS property to change the color of the text to Hex 6900D1 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 #6900D1 looks like.

```
.text, #text, p{  
    color:#6900D1  
}
```

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 #6900D1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #6900D1
}
```

Border

The CSS property to change the border of an element to Hex 6900D1 is called "border". The border property can be set on classes, ids or directly on the HTML element.

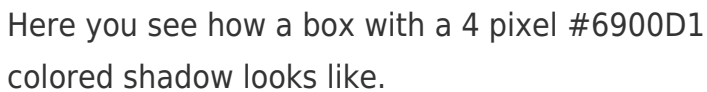
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#6900D1 }
```

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

```
.border{ border-color:#6900D1 }
```

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



Here you see how a box with a 4 pixel #6900D1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #6900D1; -webkit-box-shadow:4px 4px  
4px 4px #6900D1; box-shadow:4px 4px 4px  
4px #6900D1 }
```

Background

The CSS property to change the background color of an element to Hex 6900D1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#6900D1 }
```

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

```
.background{ background-color:#6900D1 }
```

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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