

Converting Colors

Hex(5900CF)

Have a look what the booklet for
Hex(5900CF) contains.

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Color

Hex(5900CF)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | 5900CF |
| RGB | 89, 0, 207 |
| RGB Percent | 35%, 0%, 81% |
| CMY | 0.6510, 1.0000, 0.1882 |
| CMYK | 0.57, 1.00, 0.00, 0.19 |
| HSL | 266°, 100%, 41% |
| HSV | 266°, 100%, 81% |
| XYZ | 15.3823, 6.6288, 59.5002 |
| YIQ | 50.2090, -13.4030, 83.2450 |

Conversions

Conversions Part 2

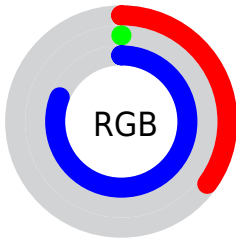
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 89, 0, 207 |
| Decimal | 5832911 |
| CIE _{Lab} | 30.95, 70.12, -82.57 |
| CIE _{LCh} | 31, 108.327, 310.339 |
| Yxy | 6.6288, 0.1887, 0.0813 |
| Android (android.graphics.Color) | 4284022991 (0xFF5900CF) |
| YUV | 50.2090, 77.2980, 34.0197 |
| Hunter-Lab | 25.7465, 61.5887, -118.9966 |

Details

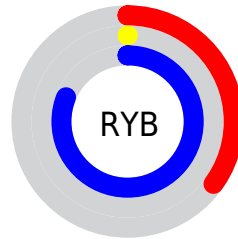
The Hex color **5900CF** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **76CF00**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9848FF**, and **000097** is the 20% darker color. If you saturate the color by 10%, you get **5900CF**, and if you desaturate by 10%, it is **6515CF**.

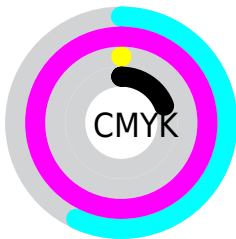
Distribution



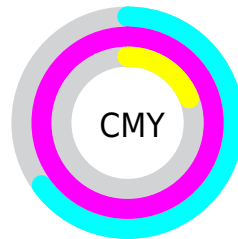
- Red (35%)
- Green (0%)
- Blue (81%)



- Red (35%)
- Yellow (0%)
- Blue (81%)



- Cyan (57%)
- Magenta (100%)
- Yellow (0%)
- Black (19%)



- Cyan (65%)
- Magenta (100%)
- Yellow (19%)
- Black (0%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5900CF 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 5900CF by changing the saturation by 10% instead.

 5900CF

 5900CF

FFFFFF

 3500B3

 9848FF

 000097

 B763FF

 00007C

 D67FFF

 000062

 F59BFF

 000949

 FFB7FF

 000431

 FFD4FF

 00011C

 FFF1FF

 000000

 5900CF

 6515CF

 7129CF

 7C3ECF

 8853CF

 9468CF

 A07CCF

 AC91CF

 B7A6CF

 C3BACF

Harmonies

Analogous

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



0050F8



5900CF



B90084

Triad

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



5900CF



852B00



006366

Complementary

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



5900CF



76CF00

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.



006000



5900CF



3E5000

Square

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



5900CF



B60000



005C00



0065B9

Rectangle

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



5900CF



CC004D



005C00



006248

Sweetspot

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



5900CF



D3B3FF



0079CF



655280



000000



808080

Same Dimension

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



5900CF



6E00FF



BE00CF



635E69



4800A8



120029

Inverse Universe

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



CF0076



FF0091



11CF00



695E64



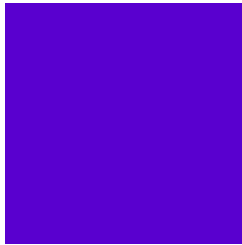
A80060



290017

Previews

White Background



This preview shows how the Hex color 5900CF looks on a white background.

Color Contrast Check

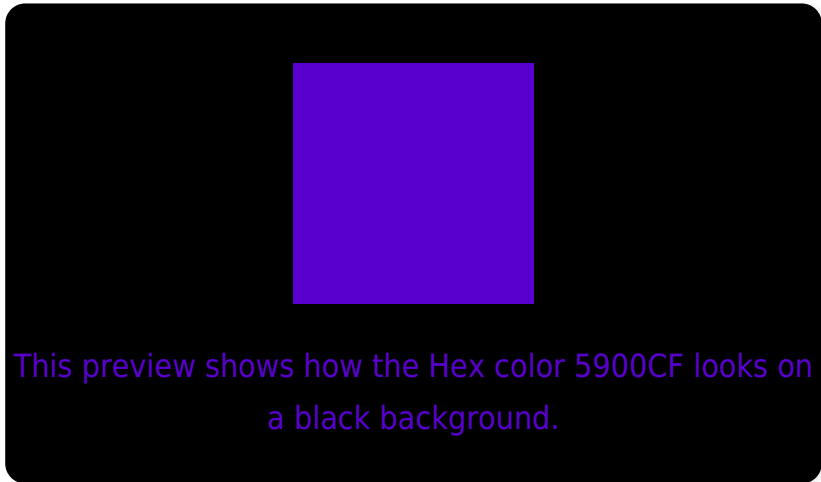
Large Text (above 18pt) WCAG AA ✓ Pass

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

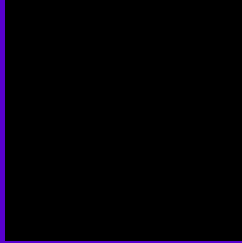
Any Text WCAG AA × Fail

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 5900CF Background



This preview shows how black text looks on a background with the Hex color 5900CF.



This preview shows how white text looks on a background with the Hex color 5900CF.

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](#).

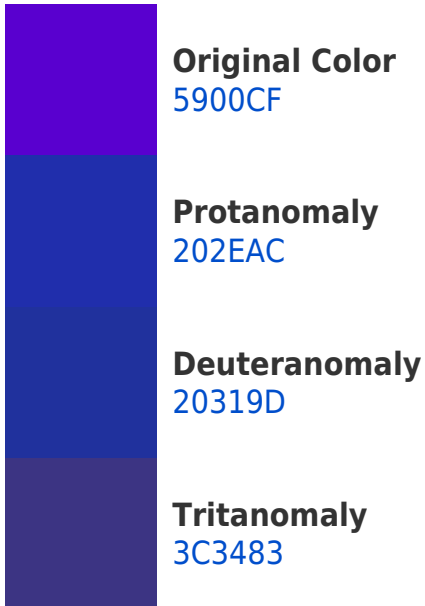
Dichromacy



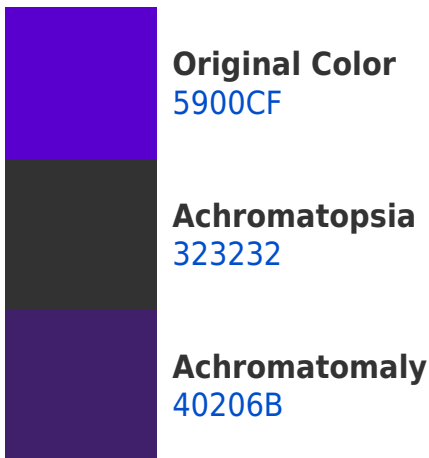


Tritanopia
2B5157

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5900CF 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 #5900CF looks like.

```
.text, #text, p{  
    color:#5900CF  
}
```

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 #5900CF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5900CF
}
```

Border

The CSS property to change the border of an element to Hex 5900CF is called "border". The border property can be set on classes, ids or directly on the HTML element.

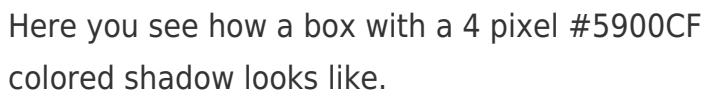
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5900CF }
```

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

```
.border{ border-color:#5900CF }
```

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



Here you see how a box with a 4 pixel #5900CF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5900CF; -webkit-box-shadow:4px 4px  
4px 4px #5900CF; box-shadow:4px 4px 4px  
4px #5900CF }
```

Background

The CSS property to change the background color of an element to Hex 5900CF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5900CF }
```

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

```
.background{ background-color:#5900CF }
```

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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