

# Converting Colors

Hex(5900D9)

Have a look what the booklet for  
Hex(5900D9) contains.

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**Color**

**Hex(5900D9)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5900D9
RGB	89, 0, 217
RGB Percent	35%, 0%, 85%
CMY	0.6510, 1.0000, 0.1490
CMYK	0.59, 1.00, 0.00, 0.15
HSL	265°, 100%, 43%
HSV	265°, 100%, 85%
XYZ	16.6442, 7.1336, 66.1453
YIQ	51.3490, -16.6130, 86.3550

# Conversions

## Conversions Part 2

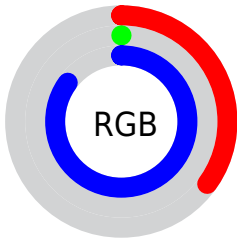
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	89, 0, 217
Decimal	5832921
CIE <sub>Lab</sub>	32.11, 72.37, -86.44
CIE <sub>LCh</sub>	32, 112.732, 309.936
Yxy	7.1336, 0.1851, 0.0793
Android (android.graphics.Color)	4284023001 (0xFF5900D9)
<b>YUV</b>	51.3490, 81.6659, 33.0199
Hunter-Lab	26.7088, 64.4960, -128.1377

# Details

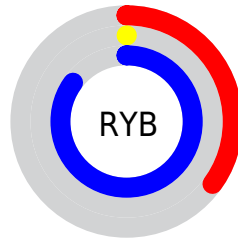
The Hex color **5900D9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **80D900**, and the grayscale version is **333333**.

A 20% lighter version of the original color is **9A49FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **5900D9**, and if you desaturate by 10%, it is **6616D9**.

# Distribution



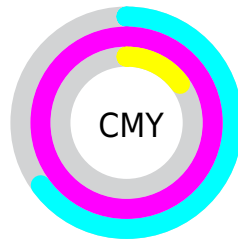
- Red (35%)
- Green (0%)
- Blue (85%)



- Red (35%)
- Yellow (0%)
- Blue (85%)



- Cyan (59%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (65%)
- Magenta (100%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5900D9 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 5900D9 by changing the saturation by 10% instead.



5900D9

5900D9

FFFFFF

3300BC

9A49FF

0000A0

B965FF

000085

D880FF

00006B

F79CFF

000B51

FFB9FF

000539

FFD6FF

000223

FFF3FF

000009

000000

 5900D9

 6616D9

 732BD9

 7F41D9

 8C57D9

 996DD9

 A682D9

 B398D9

 BFAED9

 CCC3D9

# Harmonies

## Analogous

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



0054FF



5900D9



C0008B

# Triad

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



5900D9



8B2B00



006669

# Complementary

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



5900D9



80D900

# 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.



006400



5900D9



425200

# Square

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



5900D9



BE0000



005F00



0069C0

# Rectangle

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



5900D9



D40051



005F00



006549



# Sweetspot

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



5900D9



D2B3FF



0082D9



645280



000000



808080



# Same Dimension

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



5900D9



6900FF



C300D9



67636E



4700AD



13002E



# Inverse Universe

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



D90080



FF0096



16D900



6E6369



AD0066

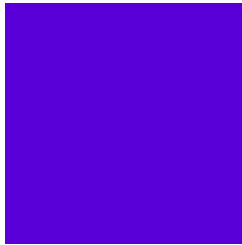


2E001B



# Previews

## White Background



This preview shows how the Hex color 5900D9 looks on a white background.

## Color Contrast Check

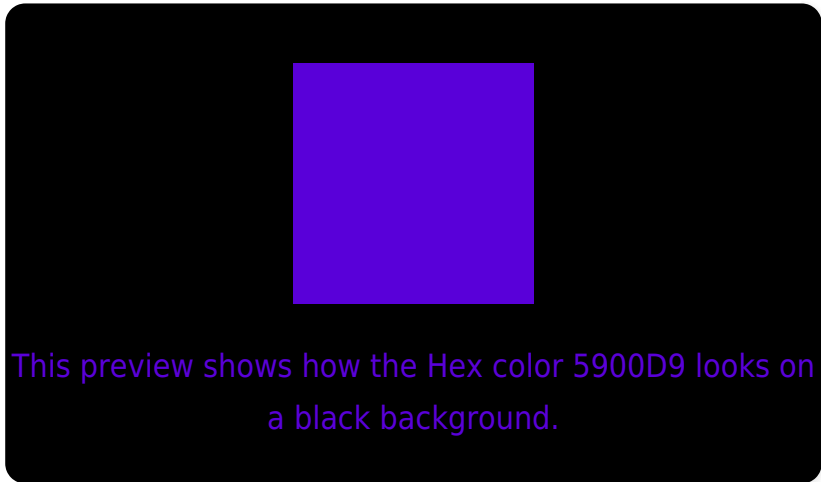
Large Text (above 18pt) WCAG AA ✓ Pass

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

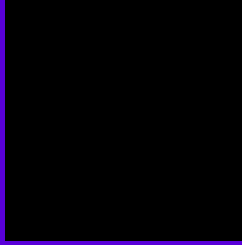
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5900D9 Background



This preview shows how black text looks on a background with the Hex color 5900D9.



This preview shows how white text looks on a background with the Hex color 5900D9.

# 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**  
5900D9

**Protanopia**  
004B9D

**Deuteranopia**  
005086



**Tritanopia**  
21545B

# Trichromacy



**Original Color**  
5900D9

**Protanomaly**  
2030B3

**Deuteranomaly**  
2033A4

**Tritanomaly**  
353589

# Monochromacy



**Original Color**  
5900D9

**Achromatopsia**  
333333

**Achromatomaly**  
41206F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5900D9 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 #5900D9 looks like.

```
.text, #text, p{  
    color:#5900D9  
}
```

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 #5900D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5900D9
}
```

## Border

The CSS property to change the border of an element to Hex 5900D9 is called "border". The border property can be set on classes, ids or directly on the HTML element.

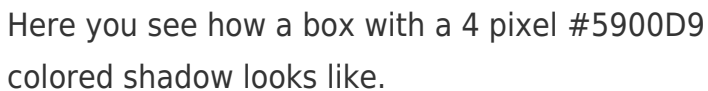
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5900D9 }
```

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

```
.border{ border-color:#5900D9 }
```

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



Here you see how a box with a 4 pixel #5900D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5900D9; -webkit-box-shadow:4px 4px  
4px 4px #5900D9; box-shadow:4px 4px 4px  
4px #5900D9 }
```

# Background

The CSS property to change the background color of an element to Hex 5900D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5900D9 }
```

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

```
.background{ background-color:#5900D9 }
```

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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