

# Converting Colors

Hex(5300C7)

Have a look what the booklet for  
Hex(5300C7) contains.

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**Color**

**Hex(5300C7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5300C7
RGB	83, 0, 199
RGB Percent	33%, 0%, 78%
CMY	0.6745, 1.0000, 0.2196
CMYK	0.58, 1.00, 0.00, 0.22
HSL	265°, 100%, 39%
HSV	265°, 100%, 78%
XYZ	13.8761, 5.9625, 54.4524
YIQ	47.5030, -14.4110, 79.4850

# Conversions

## Conversions Part 2

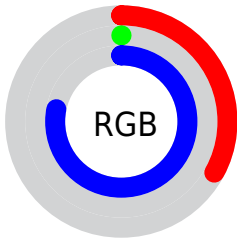
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	83, 0, 199
Decimal	5439687
CIE <sub>Lab</sub>	29.32, 67.94, -80.62
CIE <sub>LCh</sub>	29, 105.428, 310.123
Yxy	5.9625, 0.1868, 0.0803
Android (android.graphics.Color)	4283629767 (0xFF5300C7)
YUV	47.5030, 74.6880, 31.1309
Hunter-Lab	24.4183, 58.7036, -115.1230

# Details

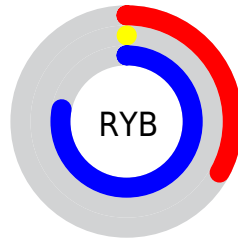
The Hex color **5300C7** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **74C700**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9246FF**, and **00008F** is the 20% darker color. If you saturate the color by 10%, you get **5300C7**, and if you desaturate by 10%, it is **5F14C7**.

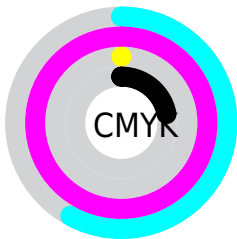
# Distribution



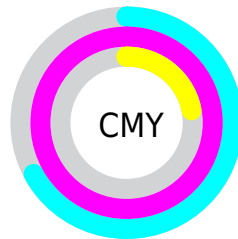
- Red (33%)
- Green (0%)
- Blue (78%)



- Red (33%)
- Yellow (0%)
- Blue (78%)



- Cyan (58%)
- Magenta (100%)
- Yellow (0%)
- Black (22%)



- Cyan (67%)
- Magenta (100%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5300C7 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 5300C7 by changing the saturation by 10% instead.



 5300C7

 5300C7

FFFFFF

 2E00AB

 9246FF

 00008F

 B161FF

 000075

 CF7DFF

 00005B

 EE98FF

 000742

 FFB4FF

 00032B

 FFD1FF

 000115

 FFEEFF


 000000

 5300C7

 5F14C7

 6A28C7

 763CC7

 8150C7

 8D64C7

 9977C7

 A48BC7

 B09FC7

 BBB3C7

# Harmonies

## Analogous

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



004DEE



5300C7



B1007F

# Triad

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



5300C7



7F2800



005E60

# Complementary

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



5300C7



74C700

# 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.



005C00



5300C7



3C4B00

# Square

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



5300C7



AF0000



005800



0061B0

# Rectangle

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



5300C7



C30049



005800



005D44



# Sweetspot

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



5300C7



D2B3FF



0074C7



655280



000000



808080



# Same Dimension

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



5300C7



6A00FF



B600C7



5E5A63



4400A3



0F0024



# Inverse Universe

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



C70074



FF0095



11C700



635A5F



A3005F

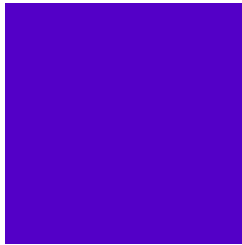


240015



# Previews

## White Background



This preview shows how the Hex color 5300C7 looks on a white background.

## Color Contrast Check

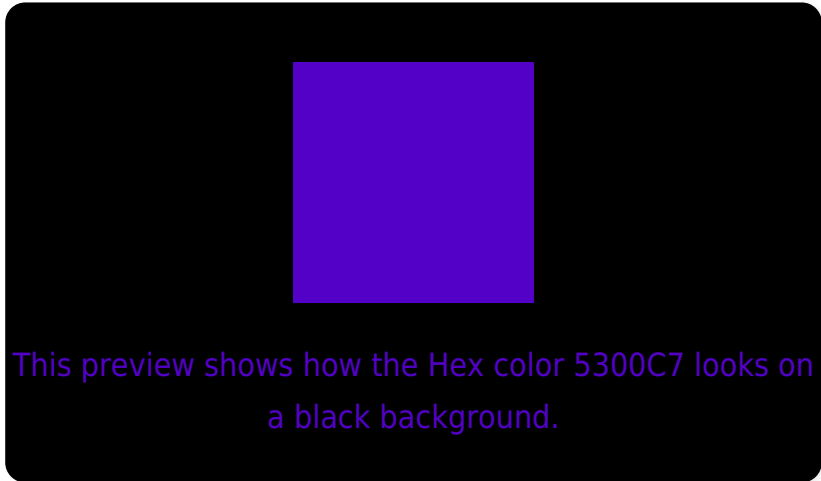
Large Text (above 18pt) WCAG AA ✓ Pass

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

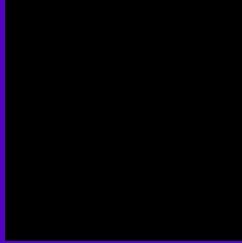
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5300C7 Background



This preview shows how black text looks on a background with the Hex color 5300C7.



This preview shows how white text looks on a background with the Hex color 5300C7.

# 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**  
5300C7

**Protanopia**  
004591

**Deuteranopia**  
00497B



**Tritanopia**  
234D54

# Trichromacy



**Original Color**  
5300C7

**Protanomaly**  
1E2CA5

**Deuteranomaly**  
1E2E97

**Tritanomaly**  
34317E

# Monochromacy



**Original Color**  
5300C7

**Achromatopsia**  
303030

**Achromatomaly**  
3D1F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5300C7 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 #5300C7 looks like.

```
.text, #text, p{  
    color:#5300C7  
}
```

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 #5300C7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5300C7
}
```

## Border

The CSS property to change the border of an element to Hex 5300C7 is called "border". The border property can be set on classes, ids or directly on the HTML element.

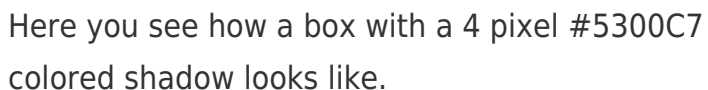
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5300C7 }
```

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

```
.border{ border-color:#5300C7 }
```

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



Here you see how a box with a 4 pixel #5300C7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5300C7; -webkit-box-shadow:4px 4px  
4px 4px #5300C7; box-shadow:4px 4px 4px  
4px #5300C7 }
```

# Background

The CSS property to change the background color of an element to Hex 5300C7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5300C7 }
```

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

```
.background{ background-color:#5300C7 }
```

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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