

Converting Colors

Hex(5300CD)

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

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Color

Hex(5300CD)

Conversions

Conversions Part 1

Format	Color
Hex	5300CD
RGB	83, 0, 205
RGB Percent	33%, 0%, 80%
CMY	0.6745, 1.0000, 0.1961
CMYK	0.60, 1.00, 0.00, 0.20
HSL	264°, 100%, 40%
HSV	264°, 100%, 80%
XYZ	14.5867, 6.2468, 58.1945
YIQ	48.1870, -16.3370, 81.3510

Conversions

Conversions Part 2

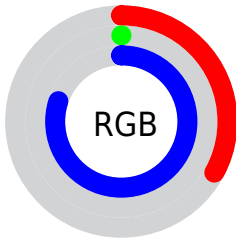
Format	Color
R_{YB}	83, 0, 205
Decimal	5439693
CIE _{Lab}	30.03, 69.31, -82.95
CIE _{LCh}	30, 108.093, 309.879
Yxy	6.2468, 0.1846, 0.0790
Android (android.graphics.Color)	4283629773 (0xFF5300CD)
YUV	48.1870, 77.3088, 30.5310
Hunter-Lab	24.9936, 60.4373, -120.5543

Details

The Hex color **5300CD** 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 **7ACD00**, and the grayscale version is **2F2F2F**.

A 20% lighter version of the original color is **9347FF**, and **000095** is the 20% darker color. If you saturate the color by 10%, you get **5300CD**, and if you desaturate by 10%, it is **5F14CD**.

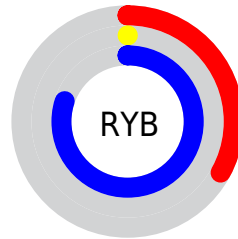
Distribution



Red (33%)

Green (0%)

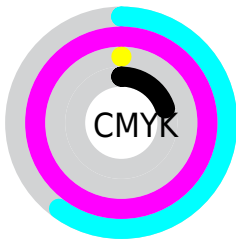
Blue (80%)



Red (33%)

Yellow (0%)

Blue (80%)

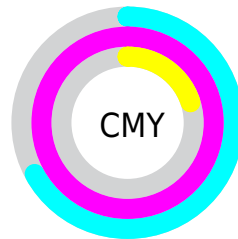


Cyan (60%)

Magenta (100%)

Yellow (0%)

Black (20%)



Cyan (67%)

Magenta (100%)

Yellow (20%)

Brightness & Saturation Gradients

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

 5300CD

 5300CD

FFFFFF

 2D00B1

 9347FF

 000095

 B262FF

 00007A

 D07EFF

 000060

 EF99FF

 000847

 FFB5FF

 000430

 FFD2FF

 00011A

 FFEFFF

 000000

 5300CD

 5F14CD

 6B29CD

 783ECD

 8452CD

 9067CD

 9C7BCD

 A890CD

 B5A4CD

 C1B9CD

Harmonies

Analogous

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



004FF5



5300CD



B50083

Triad

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



5300CD



832800



006062

Complementary

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



5300CD



7ACD00

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.



005E00



5300CD



3D4D00

Square

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



5300CD



B30000



005A00



0063B5

Rectangle

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



5300CD



C8004C



005A00



005F45

Sweetspot

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



5300CD



D1B3FF



007BCD



645280



000000



808080

Same Dimension

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



5300CD



6700FF



B900CD



605C66



4300A6



0F0026

Inverse Universe

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



CD007A



FF0098



15CD00



665C62



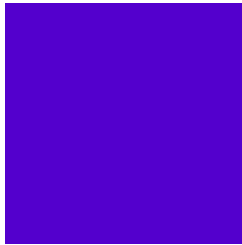
A60063



260017

Previews

White Background



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

Color Contrast Check

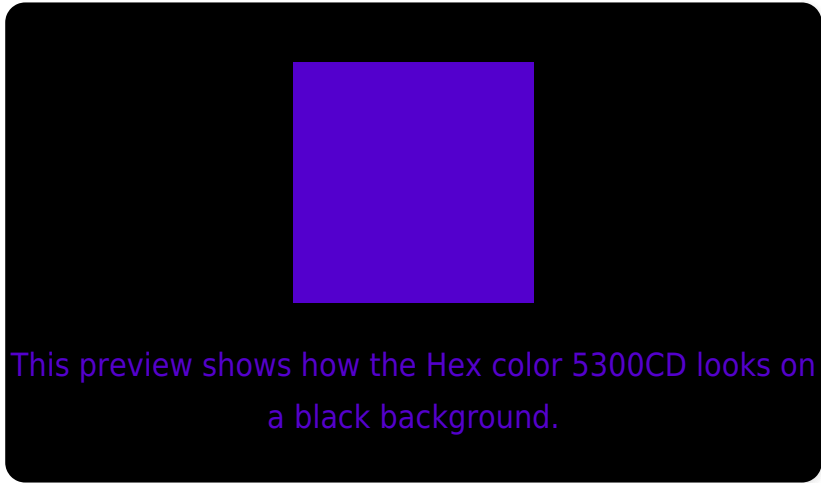
Large Text (above 18pt) WCAG AA ✓ Pass

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

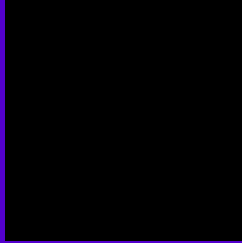
Any Text WCAG AA × Fail

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 5300CD Background



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



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

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



Trichromacy



Original Color
5300CD

Protanomaly
1E2DA9

Deuteranomaly
1E309B

Tritanomaly
303381

Monochromacy



Original Color
5300CD

Achromatopsia
303030

Achromatomaly
3D1F69

CSS Examples

Text

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

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

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 #5300CD colored shadow looks like.

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

Border

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

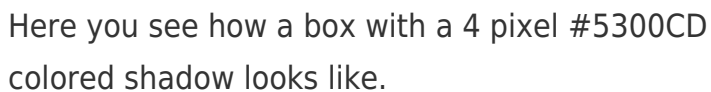
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

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

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

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

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



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

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

Background

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

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

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

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

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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