

Converting Colors

Hex(5300D9)

Have a look what the booklet for
Hex(5300D9) contains.

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Color

Hex(5300D9)

Conversions

Conversions Part 1

Format	Color
Hex	5300D9
RGB	83, 0, 217
RGB Percent	33%, 0%, 85%
CMY	0.6745, 1.0000, 0.1490
CMYK	0.62, 1.00, 0.00, 0.15
HSL	263°, 100%, 43%
HSV	263°, 100%, 85%
XYZ	16.0917, 6.8488, 66.1195
YIQ	49.5550, -20.1890, 85.0830

Conversions

Conversions Part 2

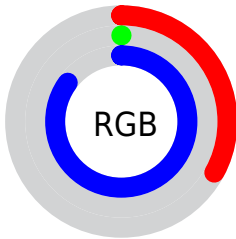
Format	Color
RYB	83, 0, 217
Decimal	5439705
CIELab	31.46, 72.03, -87.54
CIElCh	31, 113.364, 309.451
Yxy	6.8488, 0.1807, 0.0769
Android (android.graphics.Color)	4283629785 (0xFF5300D9)
YUV	49.5550, 82.5504, 29.3313
Hunter-Lab	26.1701, 63.9596, -131.4785

Details

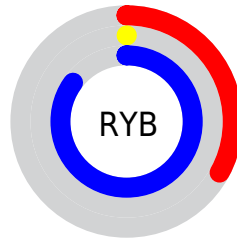
The Hex color **5300D9** is a dark color, and the websafe version is hex **3300CC**. The color can be described as dark washed blue. A complement of this color would be **86D900**, and the grayscale version is **313131**.

A 20% lighter version of the original color is **9548FF**, and **0000A0** is the 20% darker color. If you saturate the color by 10%, you get **5300D9**, and if you desaturate by 10%, it is **6016D9**.

Distribution



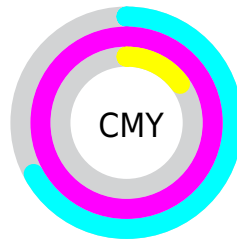
- Red (33%)
- Green (0%)
- Blue (85%)



- Red (33%)
- Yellow (0%)
- Blue (85%)



- Cyan (62%)
- Magenta (100%)
- Yellow (0%)
- Black (15%)



- Cyan (67%)
- Magenta (100%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5300D9 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 5300D9 by changing the saturation by 10% instead.

5300D9

5300D9

FFFFFF

2A00BC

9548FF

0000A0

B464FF

000085

D37FFF

00006B

F39BFF

000B51

FFB7FF

000539

FFD4FF

000223

FFF2FF

000009

000000

 5300D9

 6016D9

 6E2BD9

 7B41D9

 8957D9

 966DD9

 A382D9

 B198D9

 BEAED9

 CCC3D9

Harmonies

Analogous

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



0054FF



5300D9



BD008B

Triad

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



5300D9



8A2800



006466

Complementary

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



5300D9



86D900

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.



006200



5300D9



415000

Square

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



5300D9



BD0000



005E00



0068BD

Rectangle

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



5300D9



D20051



005E00



006446

Sweetspot

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



5300D9



D0B3FF



0089D9



635280



000000



808080

Same Dimension

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



5300D9



6200FF



BC00D9



67636E



4200AD



12002E

Inverse Universe

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



D90086



FF009D



1DD900



6E6369



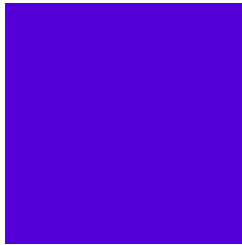
AD006B



2E001C

Previews

White Background



This preview shows how the Hex color 5300D9 looks on a white background.

Color Contrast Check

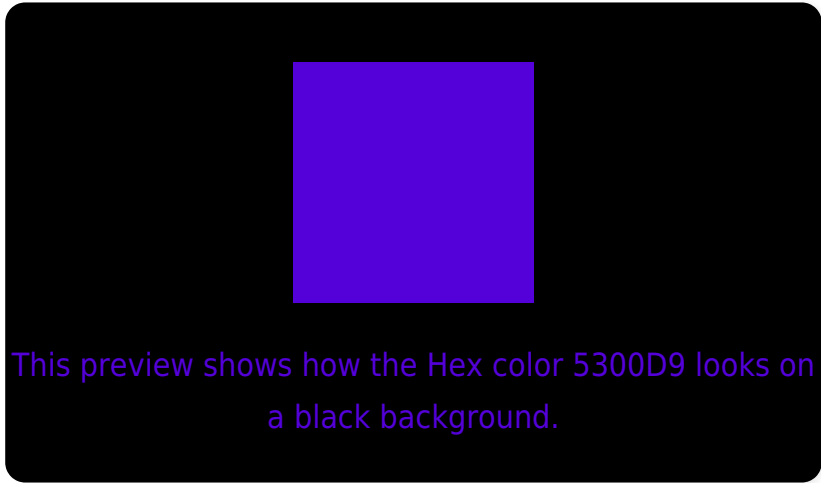
Large Text (above 18pt) WCAG AA ✓ Pass

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 5300D9 Background



This preview shows how black text looks on a background with the Hex color 5300D9.

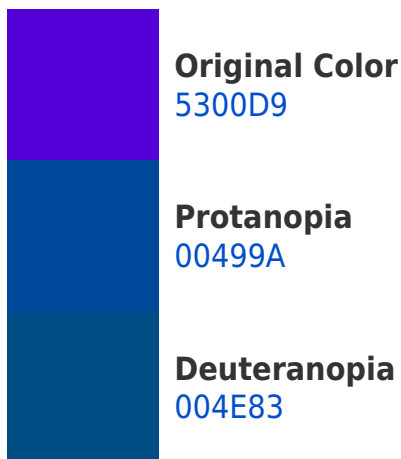


This preview shows how white text looks on a background with the Hex color 5300D9.

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
5300D9

Protanomaly
1E2EB1

Deuteranomaly
1E32A2

Monochromacy



Original Color
5300D9

Achromatopsia
323232

Achromatomaly
3E206F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5300D9 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 #5300D9 looks like.

```
.text, #text, p{  
    color:#5300D9  
}
```

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 #5300D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5300D9
}
```

Border

The CSS property to change the border of an element to Hex 5300D9 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".

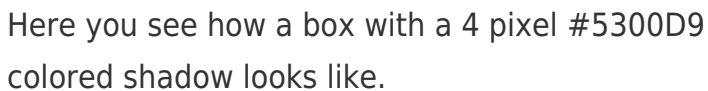
```
.border, #border, table{ border:4px solid
#5300D9 }
```

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

```
.border{ border-color:#5300D9 }
```

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

Here you see how a box with a 4 pixel #5300D9 colored shadow looks like.

A rectangular box with a thick purple border and a purple shadow. The box is white with a purple border and a purple shadow. The shadow is a 4px offset to the right and bottom of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5300D9; -webkit-box-shadow:4px 4px  
4px 4px #5300D9; box-shadow:4px 4px 4px  
4px #5300D9 }
```

Background

The CSS property to change the background color of an element to Hex 5300D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5300D9 }
```

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

```
.background{ background-color:#5300D9 }
```

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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