

Converting Colors

Hex(5C2DE9)

Have a look what the booklet for
Hex(5C2DE9) contains.

Hex(5C2DE9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C2DE9)

Conversions

Conversions Part 1

Format	Color
Hex	5C2DE9
RGB	92, 45, 233
RGB Percent	36%, 18%, 91%
CMY	0.6392, 0.8235, 0.0863
CMYK	0.61, 0.81, 0.00, 0.09
HSL	255°, 81%, 55%
HSV	255°, 81%, 91%
XYZ	20.0600, 10.0353, 77.9705
YIQ	80.4850, -32.3360, 68.4320

Conversions

Conversions Part 2

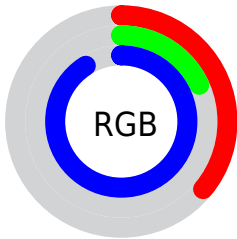
Format	Color
RYB	92, 45, 233
Decimal	6041065
CIELab	37.91, 65.34, -85.99
CIELCh	38, 107.999, 307.229
Yxy	10.0353, 0.1856, 0.0929
Android (android.graphics.Color)	4284231145 (0xFF5C2DE9)
YUV	80.4850, 75.1899, 10.0987
Hunter-Lab	31.6785, 57.5954, -123.7559

Details

The Hex color **5C2DE9** is a dark color, and the websafe version is hex **6633FF**. The color can be described as dark washed blue. A complement of this color would be **BAE92D**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **9D62FF**, and **0000B0** is the 20% darker color. If you saturate the color by 10%, you get **4B16E9**, and if you desaturate by 10%, it is **6D44E9**.

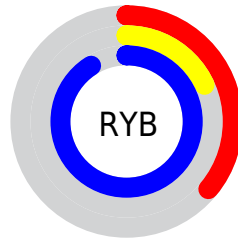
Distribution



Red (36%)

Green (18%)

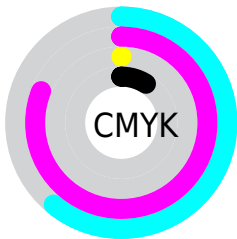
Blue (91%)



Red (36%)

Yellow (18%)

Blue (91%)

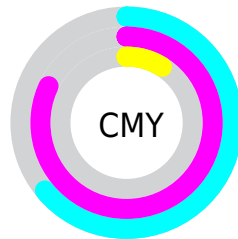


Cyan (61%)

Magenta (81%)

Yellow (0%)

Black (9%)



Cyan (64%)

Magenta (82%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C2DE9 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 5C2DE9 by changing the saturation by 10% instead.

 5C2DE9

 5C2DE9

FFFFFF

 360DCC

 9D62FF

 0000B0

 BC7DFF

 000094

 DB98FF

 000079

 FBB4FF

 00055F

 FFD1FF

 000846

 FFEEFF

 00042F

 000119

 000000

■ 5C2DE9

■ 5C2DE9

■ 4B16E9

■ 6D44E9

■ 3A00E9

■ 7F5CE9

■ 9073E9

■ A28AE9

■ B3A2E9

■ C5B9E9

■ D6D0E9

■ E8E7E9

■ F9FFE9

Harmonies

Analogous

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



0063FF



5C2DE9



C9009F

Triad

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



5C2DE9



A03600



00766D

Complementary

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



5C2DE9



BAE92D

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.



007300



5C2DE9



5B5E00

Square

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



5C2DE9



D10000



006D00



0078C4

Rectangle

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



5C2DE9



E10066



006D00



00754F

Sweetspot

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



5C2DE9



D1C2FF



2DBAE9



645B80



000000



808080

Same Dimension

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



5C2DE9



4508FF



BA2DE9



6D6A75



2D00B5



0D0036

Inverse Universe

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



E92DBA



FF08C1



5CE92D



756A72



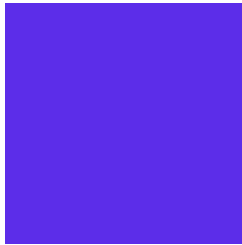
B50088



360028

Previews

White Background



This preview shows how the Hex color 5C2DE9 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 × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

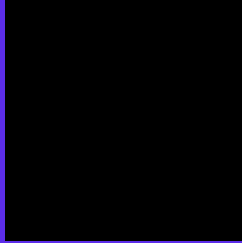
Any Text WCAG AA × Fail

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 5C2DE9 Background



This preview shows how black text looks on a background with the Hex color 5C2DE9.



This preview shows how white text looks on a background with the Hex color 5C2DE9.

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](#).

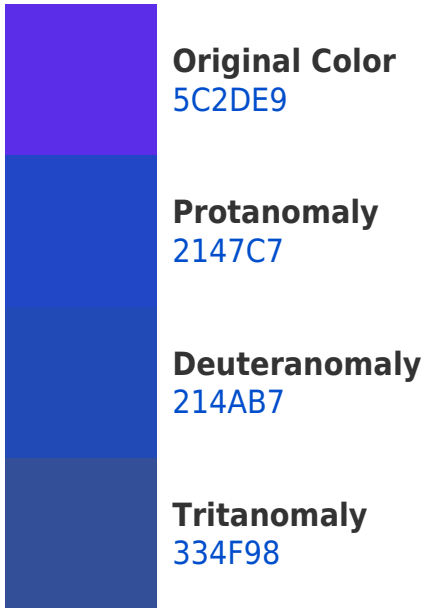
Dichromacy



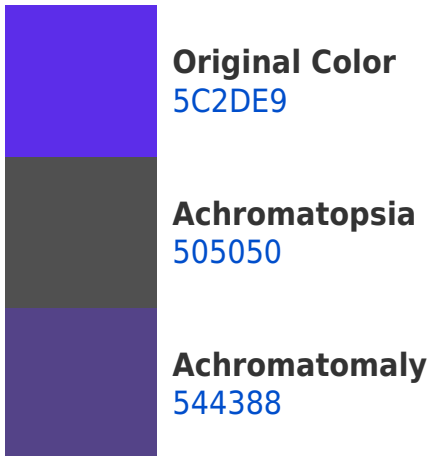


Tritanopia
1B626A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C2DE9 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 #5C2DE9 looks like.

```
.text, #text, p{  
    color:#5C2DE9  
}
```

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 #5C2DE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2DE9
}
```

Border

The CSS property to change the border of an element to Hex 5C2DE9 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
#5C2DE9 }
```

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

```
.border{ border-color:#5C2DE9 }
```

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

Here you see how a box with a 4 pixel #5C2DE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2DE9; -webkit-box-shadow:4px 4px  
4px 4px #5C2DE9; box-shadow:4px 4px 4px  
4px #5C2DE9 }
```

Background

The CSS property to change the background color of an element to Hex 5C2DE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2DE9 }
```

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

```
.background{ background-color:#5C2DE9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor