

Converting Colors

Hex(5D2FCA)

Have a look what the booklet for
Hex(5D2FCA) contains.

Hex(5D2FCA)	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(5D2FCA)

Conversions

Conversions Part 1

Format	Color
Hex	5D2FCA
RGB	93, 47, 202
RGB Percent	36%, 18%, 79%
CMY	0.6353, 0.8157, 0.2078
CMYK	0.54, 0.77, 0.00, 0.21
HSL	258°, 62%, 49%
HSV	258°, 77%, 79%
XYZ	16.1914, 8.6245, 56.6884
YIQ	78.4240, -22.3390, 57.9570

Conversions

Conversions Part 2

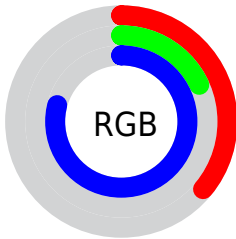
Format	Color
R_{YB}	93, 47, 202
Decimal	6107082
CIE _{Lab}	35.25, 56.26, -72.53
CIE _{LCh}	35, 91.795, 307.802
Yxy	8.6245, 0.1987, 0.1058
Android (android.graphics.Color)	4284297162 (0xFF5D2FCA)
YUV	78.4240, 60.9230, 12.7832
Hunter-Lab	29.3674, 47.0209, -93.8913

Details

The Hex color **5D2FCA** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **9CCA2F**, and the grayscale version is **4E4E4E**.

A 20% lighter version of the original color is **9962FF**, and **0E0092** is the 20% darker color. If you saturate the color by 10%, you get **4F1BCA**, and if you desaturate by 10%, it is **6B43CA**.

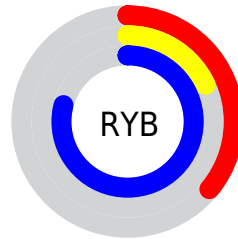
Distribution



Red (36%)

Green (18%)

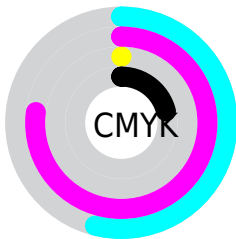
Blue (79%)



Red (36%)

Yellow (18%)

Blue (79%)

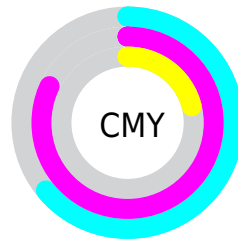


Cyan (54%)

Magenta (77%)

Yellow (0%)

Black (21%)



Cyan (64%)

Magenta (82%)

Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D2FCA 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 5D2FCA by changing the saturation by 10% instead.

5D2FCA

5D2FCA

FFFFFF

3C13AE

9962FF

0E0092

B77DFF

000078

D598FF

00005E

F4B3FF

000845

FFCFFF

00042E

FFECFF

000118

000000

5D2FCA

5D2FCA

■ 4F1BCA

■ 6B43CA

■ 4107CA

■ 7957CA

■ 3C00CA

■ 886CCA

■ 9680CA

■ A494CA

■ B2A8CA

■ C0BCCA

■ CFD1CA

■ DDE5CA

Harmonies

Analogous

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



0059E9



5D2FCA



B2008C

Triad

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



5D2FCA



903700



006C65

Complementary

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



5D2FCA



9CCA2F

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.



006A11



5D2FCA



555700

Square

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



5D2FCA



BA0000



006500



006EAD

Rectangle

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



5D2FCA



C6005C



006500



006C4B

Sweetspot

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



5D2FCA



D6C4FF



2F9ECA



665C80



000000



808080

Same Dimension

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



5D2FCA



5A14FF



A82FCA



5F5C66



3100A6



0B0026

Inverse Universe

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



CA2F9C



FF14B9



51CA2F



665C63



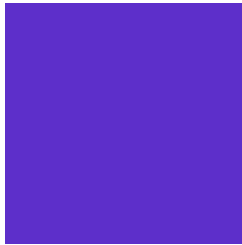
A60075



26001B

Previews

White Background



This preview shows how the Hex color 5D2FCA 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

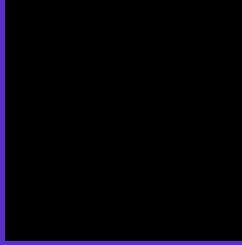
Any Text WCAG AA × Fail

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 5D2FCA Background



This preview shows how black text looks on a background with the Hex color 5D2FCA.



This preview shows how white text looks on a background with the Hex color 5D2FCA.

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
5D2FCA

Protanopia
0050A9

Deuteranopia
005591



Tritanopia
39585F

Trichromacy



Original Color
5D2FCA



Protanomaly
2244B5



Deuteranomaly
2247A6



Tritanomaly
464986

Monochromacy



Original Color
5D2FCA



Achromatopsia
4E4E4E



Achromatomaly
53437B

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D2FCA 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 #5D2FCA looks like.

```
.text, #text, p{  
    color:#5D2FCA  
}
```

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 #5D2FCA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D2FCA
}
```

Border

The CSS property to change the border of an element to Hex 5D2FCA 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
#5D2FCA }
```

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

```
.border{ border-color:#5D2FCA }
```

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

Here you see how a box with a 4 pixel #5D2FCA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D2FCA; -webkit-box-shadow:4px 4px  
4px 4px #5D2FCA; box-shadow:4px 4px 4px  
4px #5D2FCA }
```

Background

The CSS property to change the background color of an element to Hex 5D2FCA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D2FCA }
```

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

```
.background{ background-color:#5D2FCA }
```

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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