

Converting Colors

Hex(5C1EA9)

Have a look what the booklet for
Hex(5C1EA9) contains.

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Color

Hex(5C1EA9)

Conversions

Conversions Part 1

Format	Color
Hex	5C1EA9
RGB	92, 30, 169
RGB Percent	36%, 12%, 66%
CMY	0.6392, 0.8824, 0.3373
CMYK	0.46, 0.82, 0.00, 0.34
HSL	267°, 70%, 39%
HSV	267°, 82%, 66%
XYZ	12.0393, 6.0684, 38.0729
YIQ	64.3840, -7.6670, 56.3730

Conversions

Conversions Part 2

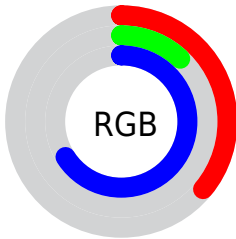
Format	Color
R_{YB}	92, 30, 169
Decimal	6037161
CIE _{Lab}	29.58, 54.62, -62.31
CIE _{LCh}	30, 82.860, 311.239
Yxy	6.0684, 0.2143, 0.1080
Android (android.graphics.Color)	4284227241 (0xFF5C1EA9)
YUV	64.3840, 51.5757, 24.2192
Hunter-Lab	24.6342, 44.1276, -74.3906

Details

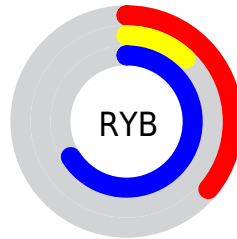
The Hex color **5C1EA9** is a dark color, and the websafe version is hex **660099**. A complement of this color would be **6BA91E**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9553E1**, and **1D0074** is the 20% darker color. If you saturate the color by 10%, you get **530DA9**, and if you desaturate by 10%, it is **652FA9**.

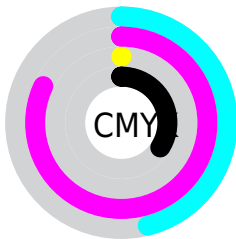
Distribution



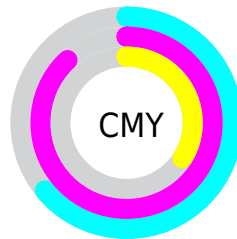
- Red (36%)
- Green (12%)
- Blue (66%)



- Red (36%)
- Yellow (12%)
- Blue (66%)



- Cyan (46%)
- Magenta (82%)
- Yellow (0%)
- Black (34%)



- Cyan (64%)
- Magenta (88%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C1EA9 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 5C1EA9 by changing the saturation by 10% instead.

5C1EA9

5C1EA9

FFFFFF

3F008E

9553E1

1D0074

B26DFE

00005A

CF88FF

000042

EDA3FF

00032A

FFBFFF

000115

FFDCFF

000000

FFF9FF

5C1EA9

5C1EA9

■ 530DA9

■ 652FA9

■ 4B00A9

■ 6F40A9

■ 7851A9

■ 8162A9

■ 8B72A9

■ 9483A9

■ 9E94A9

■ A7A5A9

■ B0B6A9

Harmonies

Analogous

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



0049C8



5C1EA9



9E0071

Triad

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



5C1EA9



763200



005C5D

Complementary

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



5C1EA9



6BA91E

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.



005A17



5C1EA9



404B00

Square

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



5C1EA9



9C0000



005600



005D9B

Rectangle

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



5C1EA9



AC0046



005600



005C47

Sweetspot

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



5C1EA9



BDA4DB



1E6DA9



5B4D6E



EDEDED



6E6E6E

Same Dimension

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



5C1EA9



6302DB



A01EA9



4F4C54



420094



090014

Inverse Universe

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



A91E6B



DB027A



27A91E



544C50



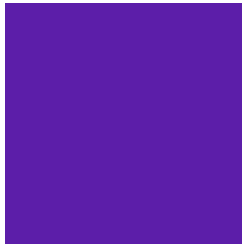
940052



14000B

Previews

White Background



This preview shows how the Hex color 5C1EA9 looks on a white background.

Color Contrast Check

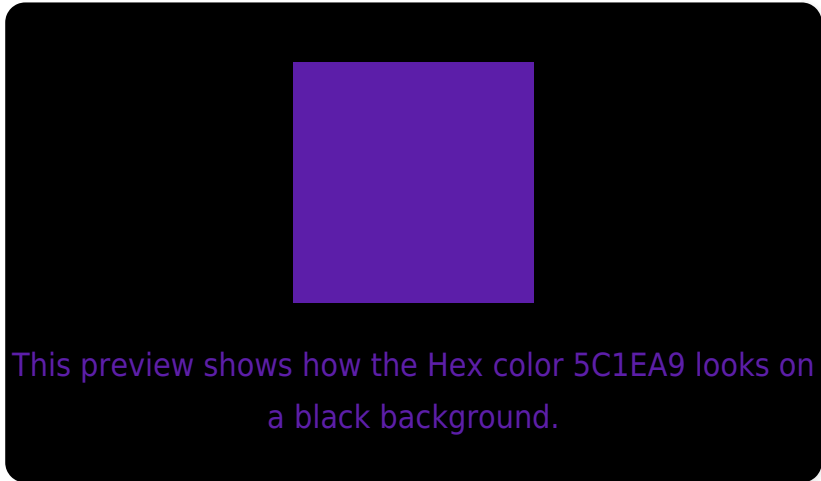
Large Text (above 18pt) WCAG AA ✓ Pass

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

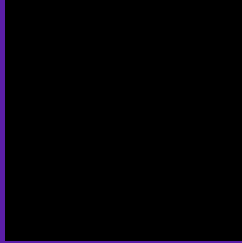
Any Text WCAG AA × Fail

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 5C1EA9 Background



This preview shows how black text looks on a background with the Hex color 5C1EA9.

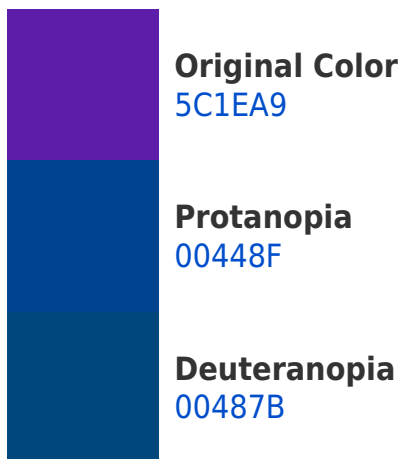


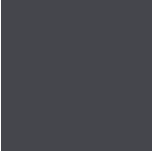
This preview shows how white text looks on a background with the Hex color 5C1EA9.

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](#).

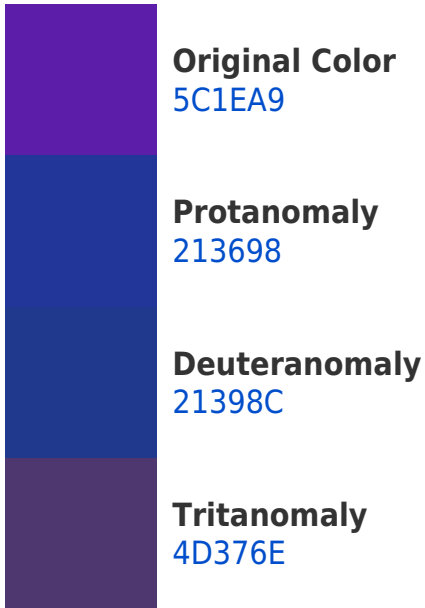
Dichromacy



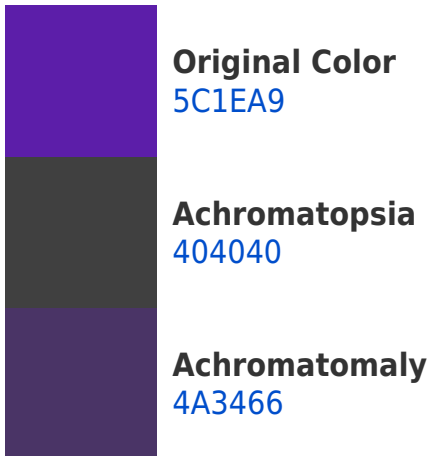


Tritanopia
45464C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C1EA9 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 #5C1EA9 looks like.

```
.text, #text, p{  
    color:#5C1EA9  
}
```

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 #5C1EA9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C1EA9
}
```

Border

The CSS property to change the border of an element to Hex 5C1EA9 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
#5C1EA9 }
```

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

```
.border{ border-color:#5C1EA9 }
```

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

Here you see how a box with a 4 pixel #5C1EA9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C1EA9; -webkit-box-shadow:4px 4px  
4px 4px #5C1EA9; box-shadow:4px 4px 4px  
4px #5C1EA9 }
```

Background

The CSS property to change the background color of an element to Hex 5C1EA9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C1EA9 }
```

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

```
.background{ background-color:#5C1EA9 }
```

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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