

Converting Colors

Hex(5C36C8)

Have a look what the booklet for
Hex(5C36C8) contains.

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Color

Hex(5C36C8)

Conversions

Conversions Part 1

Format	Color
Hex	5C36C8
RGB	92, 54, 200
RGB Percent	36%, 21%, 78%
CMY	0.6392, 0.7882, 0.2157
CMYK	0.54, 0.73, 0.00, 0.22
HSL	256°, 57%, 50%
HSV	256°, 73%, 78%
XYZ	16.1581, 9.0838, 55.5453
YIQ	82.0060, -24.2180, 53.4620

Conversions

Conversions Part 2

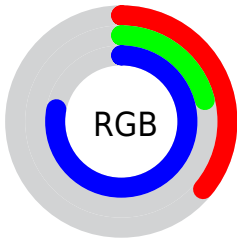
Format	Color
R _Y B	92, 54, 200
Decimal	6043336
CIE Lab	36.15, 52.22, -69.90
CIE LCh	36, 87.253, 306.762
Yxy	9.0838, 0.2000, 0.1124
Android (android.graphics.Color)	4284233416 (0xFF5C36C8)
YUV	82.0060, 58.1710, 8.7647
Hunter-Lab	30.1393, 42.9527, -88.1711

Details

The Hex color **5C36C8** 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 **A2C836**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **9868FF**, and **0F0091** is the 20% darker color. If you saturate the color by 10%, you get **4D22C8**, and if you desaturate by 10%, it is **6B4AC8**.

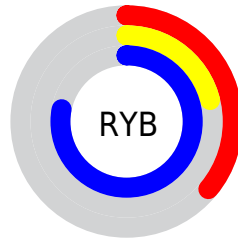
Distribution



Red (36%)

Green (21%)

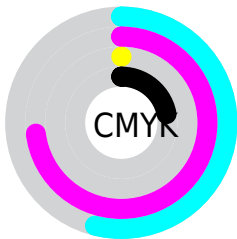
Blue (78%)



Red (36%)

Yellow (21%)

Blue (78%)

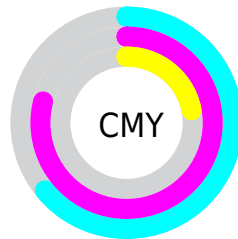


Cyan (54%)

Magenta (73%)

Yellow (0%)

Black (22%)



Cyan (64%)

Magenta (79%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C36C8 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 5C36C8 by changing the saturation by 10% instead.

■ 5C36C8

■ 5C36C8

FFFFFF

■ 3C1DAC

■ 9868FF

■ 0F0091

■ B583FF

■ 000076

■ D39DFF

■ 00005D

■ F1B9FF

■ 000744

■ FFD5FF

■ 00032D

■ FFF2FF

■ 000117

■ 000000

■ 5C36C8

■ 5C36C8

■ 4D22C8

■ 6B4AC8

■ 3E0EC8

■ 7A5EC8

■ 3400C8

■ 8872C8

■ 9786C8

■ A69AC8

■ B5AEC8

■ C4C2C8

■ D2D6C8

■ E1EAC8

Harmonies

Analogous

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



005CE4



5C36C8



AF008E

Triad

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



5C36C8



923A00



006E64

Complementary

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



5C36C8



A2C836

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.



006C15



5C36C8



5B5800

Square

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



5C36C8



B90000



006600



006FA9

Rectangle

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



5C36C8



C40060



006600



006E4B

Sweetspot

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



5C36C8



D6C7FF



36A4C8



675E80



000000



808080

Same Dimension

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



5C36C8



591FFF



A436C8



5C5A63



2A00A3



090024

Inverse Universe

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



C836A2



FF1FC5



5BC836



635A61



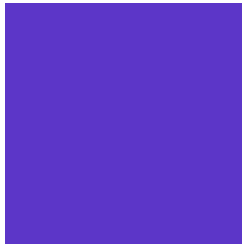
A30079



24001A

Previews

White Background



This preview shows how the Hex color 5C36C8 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

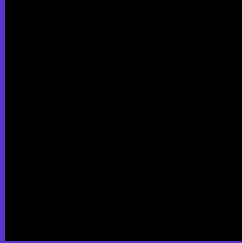
Any Text WCAG AA × Fail

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 5C36C8 Background



This preview shows how black text looks on a background with the Hex color 5C36C8.

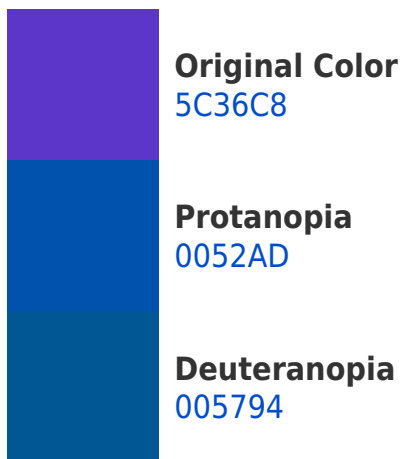



This preview shows how white text looks on a background with the Hex color 5C36C8.

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](#).

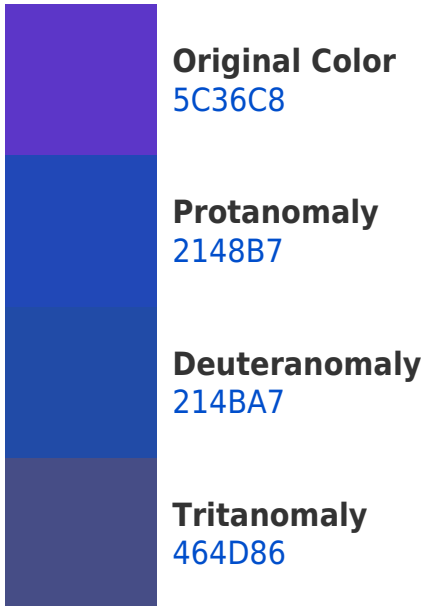
Dichromacy





Tritanopia
395A61

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5C36C8 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 #5C36C8 looks like.

```
.text, #text, p{  
    color:#5C36C8  
}
```

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 #5C36C8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C36C8
}
```

Border

The CSS property to change the border of an element to Hex 5C36C8 is called "border". The border property can be set on classes, ids or directly on the HTML element.

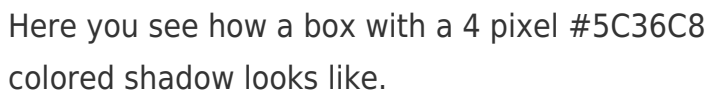
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C36C8 }
```

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

```
.border{ border-color:#5C36C8 }
```

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



Here you see how a box with a 4 pixel #5C36C8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C36C8; -webkit-box-shadow:4px 4px  
4px 4px #5C36C8; box-shadow:4px 4px 4px  
4px #5C36C8 }
```

Background

The CSS property to change the background color of an element to Hex 5C36C8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C36C8 }
```

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

```
.background{ background-color:#5C36C8 }
```

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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