

Converting Colors

Hex(5A05C5)

Have a look what the booklet for
Hex(5A05C5) contains.

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Color

Hex(5A05C5)

Conversions

Conversions Part 1

Format	Color
Hex	5A05C5
RGB	90, 5, 197
RGB Percent	35%, 2%, 77%
CMY	0.6471, 0.9804, 0.2275
CMYK	0.54, 0.97, 0.00, 0.23
HSL	267°, 95%, 40%
HSV	267°, 97%, 77%
XYZ	14.3488, 6.3134, 53.2857
YIQ	52.3030, -10.9720, 77.7320

Conversions

Conversions Part 2

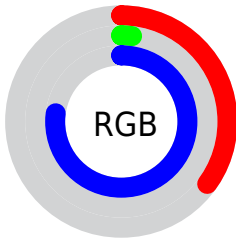
Format	Color
RYB	90, 5, 197
Decimal	5899717
CIELab	30.19, 67.14, -77.97
CIElCh	30, 102.894, 310.731
Yxy	6.3134, 0.1940, 0.0854
Android (android.graphics.Color)	4284089797 (0xFF5A05C5)
YUV	52.3030, 71.3356, 33.0603
Hunter-Lab	25.1265, 57.9629, -108.1474

Details

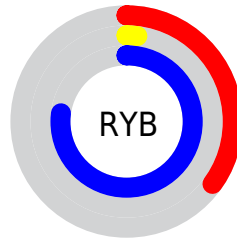
The Hex color **5A05C5** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **70C505**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9849FF**, and **00008E** is the 20% darker color. If you saturate the color by 10%, you get **5700C5**, and if you desaturate by 10%, it is **6519C5**.

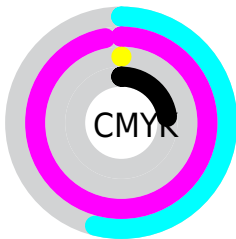
Distribution



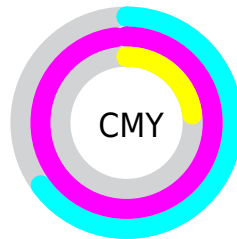
- Red (35%)
- Green (2%)
- Blue (77%)



- Red (35%)
- Yellow (2%)
- Blue (77%)



- Cyan (54%)
- Magenta (97%)
- Yellow (0%)
- Black (23%)



- Cyan (65%)
- Magenta (98%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A05C5 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 5A05C5 by changing the saturation by 10% instead.

■ 5A05C5

■ 5A05C5

FFFFFF

■ 3800A9

■ 9849FF

■ 00008E

■ B664FF

■ 000073

■ D47FFF

■ 000059

■ F39BFF

■ 000741

■ FFB7FF

■ 00032A

■ FFD4FF

■ 000114

■ FFF1FF

■ 000000

■ 5A05C5

■ 5A05C5

■ 5700C5

■ 6519C5

■ 702CC5

■ 7B40C5

■ 8654C5

■ 9168C5

■ 9C7BC5

■ A78FC5

■ B2A3C5

■ BDB6C5

Harmonies

Analogous

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



004DEC



5A05C5



B2007E

Triad

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



5A05C5



802C00



006064

Complementary

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



5A05C5



70C505

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.



005E04



5A05C5



3D4E00

Square

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



5A05C5



AF0000



005A00



0062B2

Rectangle

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



5A05C5



C4004A



005A00



005F47

Sweetspot

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



5A05C5



D6B5FF



0572C5



675380



000000



808080

Same Dimension

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



5A05C5



7100FF



B805C5



5E5A63



4800A3



100024

Inverse Universe

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



C50570



FF008E



12C505



635A5F



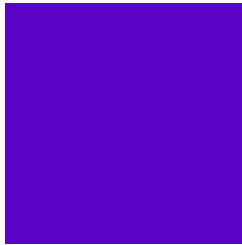
A3005B



240014

Previews

White Background



This preview shows how the Hex color 5A05C5 looks on a white background.

Color Contrast Check

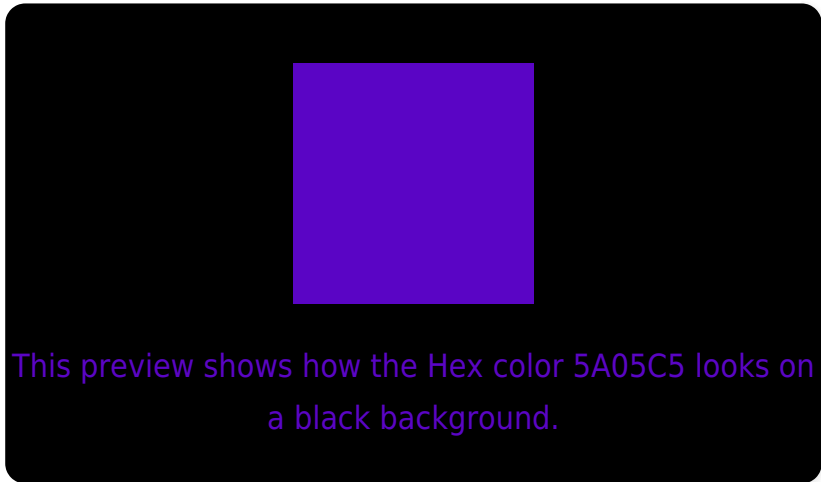
Large Text (above 18pt) WCAG AA ✓ Pass

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

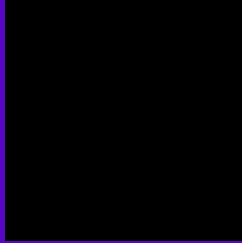
Any Text WCAG AA × Fail

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 5A05C5 Background



This preview shows how black text looks on a background with the Hex color 5A05C5.



This preview shows how white text looks on a background with the Hex color 5A05C5.

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](#).

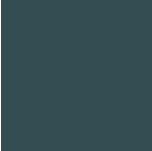
Dichromacy



Original Color
5A05C5

Protanopia
004694

Deuteranopia
004B7E



Tritanopia
344D53

Trichromacy



Original Color
5A05C5

Protanomaly
212EA6

Deuteranomaly
213298

Tritanomaly
42337C

Monochromacy



Original Color
5A05C5

Achromatopsia
343434

Achromatomaly
422369

CSS Examples

Text

The CSS property to change the color of the text to Hex 5A05C5 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 #5A05C5 looks like.

```
.text, #text, p{  
    color:#5A05C5  
}
```

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 #5A05C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A05C5
}
```

Border

The CSS property to change the border of an element to Hex 5A05C5 is called "border". The border property can be set on classes, ids or directly on the HTML element.

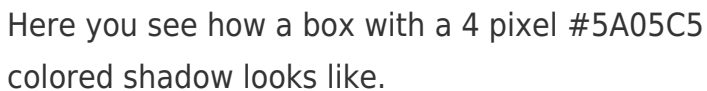
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A05C5 }
```

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

```
.border{ border-color:#5A05C5 }
```

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



Here you see how a box with a 4 pixel #5A05C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A05C5; -webkit-box-shadow:4px 4px  
4px 4px #5A05C5; box-shadow:4px 4px 4px  
4px #5A05C5 }
```

Background

The CSS property to change the background color of an element to Hex 5A05C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A05C5 }
```

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

```
.background{ background-color:#5A05C5 }
```

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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