

Converting Colors

Hex(5D05C3)

Have a look what the booklet for
Hex(5D05C3) contains.

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Color

Hex(5D05C3)

Conversions

Conversions Part 1

Format	Color
Hex	5D05C3
RGB	93, 5, 195
RGB Percent	36%, 2%, 76%
CMY	0.6353, 0.9804, 0.2353
CMYK	0.52, 0.97, 0.00, 0.24
HSL	268°, 95%, 39%
HSV	268°, 97%, 76%
XYZ	14.4188, 6.3758, 52.1005
YIQ	52.9720, -8.5420, 77.7460

Conversions

Conversions Part 2

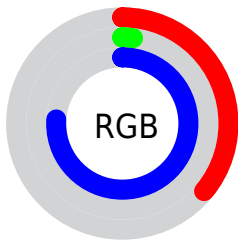
Format	Color
RYB	93, 5, 195
Decimal	6096323
CIELab	30.34, 66.92, -76.53
CIElCh	30, 101.662, 311.166
Yxy	6.3758, 0.1978, 0.0875
Android (android.graphics.Color)	4284286403 (0xFF5D05C3)
YUV	52.9720, 70.0198, 35.1046
Hunter-Lab	25.2504, 57.7411, -104.6608

Details

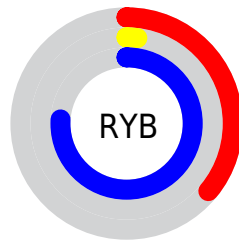
The Hex color **5D05C3** is a dark color, and the websafe version is hex **6600CC**. The color can be described as dark washed blue. A complement of this color would be **6BC305**, and the grayscale version is **343434**.

A 20% lighter version of the original color is **9A49FD**, and **0C008C** is the 20% darker color. If you saturate the color by 10%, you get **5A00C3**, and if you desaturate by 10%, it is **6718C3**.

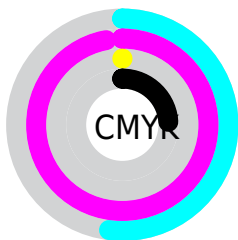
Distribution



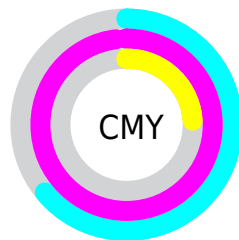
- Red (36%)
- Green (2%)
- Blue (76%)



- Red (36%)
- Yellow (2%)
- Blue (76%)



- Cyan (52%)
- Magenta (97%)
- Yellow (0%)
- Black (24%)



- Cyan (64%)
- Magenta (98%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D05C3 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 5D05C3 by changing the saturation by 10% instead.

5D05C3

5D05C3

FFFFFF

3C00A7

9A49FD

0C008C

B864FF

000071

D680FF

000058

F59BFF

00063F

FFB8FF

000328

FFD4FF

000112

FFF1FF

000000

5D05C3

5D05C3

■ 5A00C3

■ 6718C3

■ 722CC3

■ 7C40C3

■ 8753C3

■ 9167C3

■ 9C7AC3

■ A68EC3

■ B1A1C3

■ BBB5C3

Harmonies

Analogous

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



004DEA



5D05C3



B2007D

Triad

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



5D05C3



7F2E00



006065

Complementary

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



5D05C3



6BC305

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.



005E08



5D05C3



3C4E00

Square

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



5D05C3



AE0000



005A00



0063B2

Rectangle

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



5D05C3



C30049



005A00



006049

Sweetspot

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



5D05C3



D5B3FC



056EC3



685380



000000



808080

Same Dimension

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



5D05C3



7500FC



B905C3



5C5761



4A00A1



0F0021

Inverse Universe

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



C3056B



FC0088



0EC305



61575C



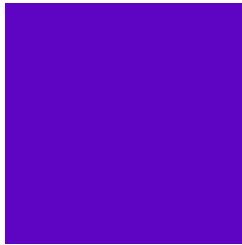
A10056



210012

Previews

White Background



This preview shows how the Hex color 5D05C3 looks on a white background.

Color Contrast Check

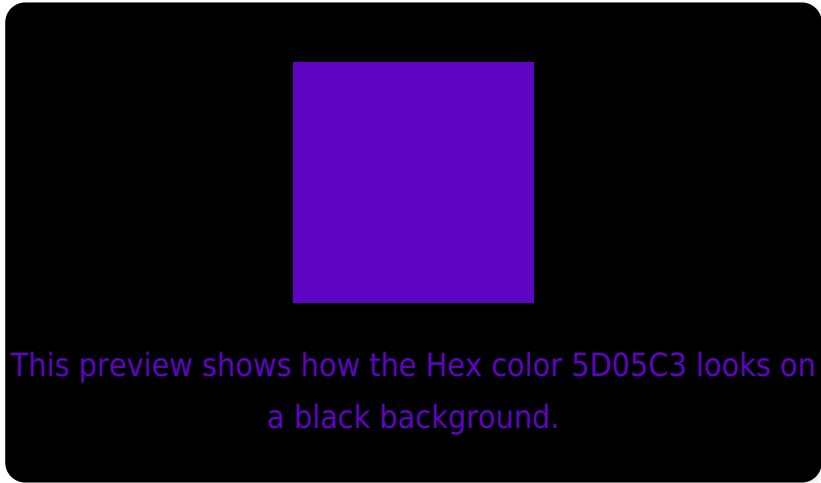
Large Text (above 18pt) WCAG AA ✓ Pass

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

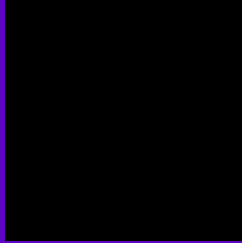
Any Text WCAG AA × Fail

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 5D05C3 Background



This preview shows how black text looks on a background with the Hex color 5D05C3.



This preview shows how white text looks on a background with the Hex color 5D05C3.

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



Trichromacy



Original Color
5D05C3

Protanomaly
222FA6

Tritanomaly
47327B

Monochromacy



Original Color
5D05C3

Achromatopsia
353535

Achromatomaly
442469

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D05C3 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 #5D05C3 looks like.

```
.text, #text, p{  
    color:#5D05C3  
}
```

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 #5D05C3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D05C3
}
```

Border

The CSS property to change the border of an element to Hex 5D05C3 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
#5D05C3 }
```

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

```
.border{ border-color:#5D05C3 }
```

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

Here you see how a box with a 4 pixel #5D05C3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D05C3; -webkit-box-shadow:4px 4px  
4px 4px #5D05C3; box-shadow:4px 4px 4px  
4px #5D05C3 }
```

Background

The CSS property to change the background color of an element to Hex 5D05C3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D05C3 }
```

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

```
.background{ background-color:#5D05C3 }
```

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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