

Converting Colors

Hex(5D04B5)

Have a look what the booklet for
Hex(5D04B5) contains.

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Color

Hex(5D04B5)

Conversions

Conversions Part 1

Format	Color
Hex	5D04B5
RGB	93, 4, 181
RGB Percent	36%, 2%, 71%
CMY	0.6353, 0.9843, 0.2902
CMYK	0.49, 0.98, 0.00, 0.29
HSL	270°, 96%, 36%
HSV	270°, 98%, 71%
XYZ	12.8981, 5.7502, 44.1462
YIQ	50.7890, -3.7730, 73.9150

Conversions

Conversions Part 2

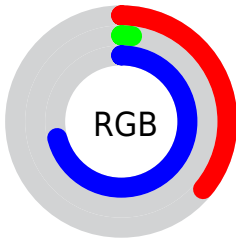
Format	Color
RYB	93, 4, 181
Decimal	6096053
CIELab	28.77, 63.95, -70.83
CIElCh	29, 95.431, 312.078
Yxy	5.7502, 0.2054, 0.0916
Android (android.graphics.Color)	4284286133 (0xFF5D04B5)
YUV	50.7890, 64.1940, 37.0190
Hunter-Lab	23.9795, 54.0473, -92.3667

Details

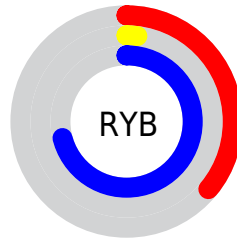
The Hex color **5D04B5** is a dark color, and the websafe version is hex **6600CC**. A complement of this color would be **5CB504**, and the grayscale version is **323232**.

A 20% lighter version of the original color is **9847EE**, and **17007F** is the 20% darker color. If you saturate the color by 10%, you get **5B00B5**, and if you desaturate by 10%, it is **6616B5**.

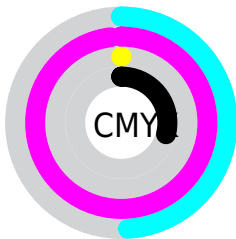
Distribution



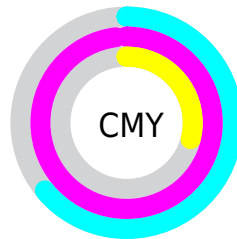
- Red (36%)
- Green (2%)
- Blue (71%)



- Red (36%)
- Yellow (2%)
- Blue (71%)



- Cyan (49%)
- Magenta (98%)
- Yellow (0%)
- Black (29%)



- Cyan (64%)
- Magenta (98%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D04B5 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 5D04B5 by changing the saturation by 10% instead.

 5D04B5

 5D04B5

FFFFFF

 3E0099

 9847EE

 17007F

 B662FF

 000065

 D47DFF

 00004B

 F299FF

 000434

 FFB5FF

 00021E

 FFD2FF

 000000

 FFEFFF

 5D04B5

 5D04B5

■ 5B00B5

■ 6616B5

■ 6F28B5

■ 783AB5

■ 814CB5

■ 8A5EB5

■ 9371B5

■ 9C83B5

■ A595B5

■ AEA7B5

Harmonies

Analogous

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



0048DB



5D04B5



A80073

Triad

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



5D04B5



762E00



005B61

Complementary

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



5D04B5



5CB50A

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.



00590E



5D04B5



384B00

Square

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



5D04B5



A30000



005600



005DA8

Rectangle

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



5D04B5



B70043



005600



005B48

Sweetspot

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



5D04B5



C9A7EB



045DB5



614C75



F5F5F5



757575

Same Dimension

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



5D04B5



7600EB



B504B5



555059



4D0099



0D001A

Inverse Universe

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



B5045C



EB0075



04B504



595055



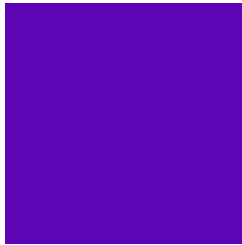
99004C



1A000D

Previews

White Background



This preview shows how the Hex color 5D04B5 looks on a white background.

Color Contrast Check

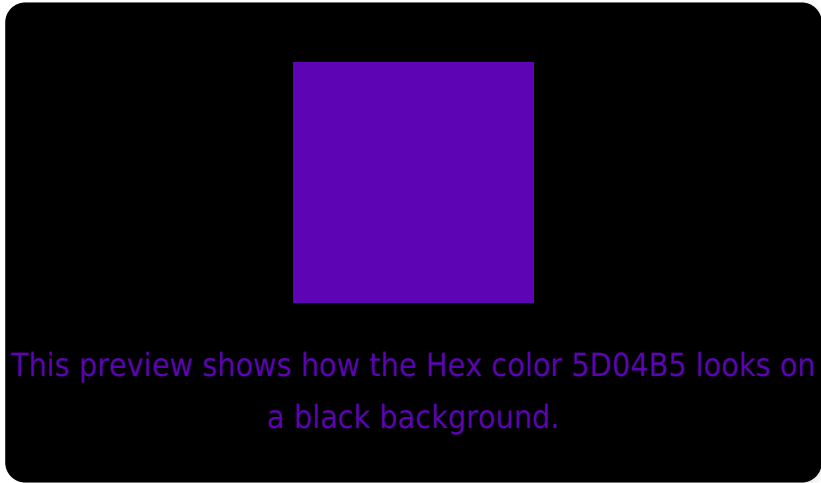
Large Text (above 18pt) WCAG AA ✓ Pass

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

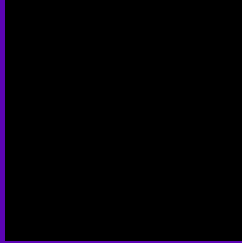
Any Text WCAG AA × Fail

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 5D04B5 Background



This preview shows how black text looks on a background with the Hex color 5D04B5.



This preview shows how white text looks on a background with the Hex color 5D04B5.

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
5D04B5

Protanopia
00448E

Deuteranopia
00487A



Tritanopia
41474C

Trichromacy



Original Color
5D04B5

Protanomaly
222D9C

Deuteranomaly
222F8F

Tritanomaly
4B2F72

Monochromacy



Original Color
5D04B5

Achromatopsia
333333

Achromatomaly
422262

CSS Examples

Text

The CSS property to change the color of the text to Hex 5D04B5 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 #5D04B5 looks like.

```
.text, #text, p{  
  color:#5D04B5  
}
```

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 #5D04B5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D04B5  
}
```

Border

The CSS property to change the border of an element to Hex 5D04B5 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  
#5D04B5 }
```

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

```
.border{ border-color:#5D04B5 }
```

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

Here you see how a box with a 4 pixel #5D04B5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D04B5; -webkit-box-shadow:4px 4px  
4px 4px #5D04B5; box-shadow:4px 4px 4px  
4px #5D04B5 }
```

Background

The CSS property to change the background color of an element to Hex 5D04B5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D04B5 }
```

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

```
.background{ background-color:#5D04B5 }
```

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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