

Converting Colors

Hex(5D0CAF)

Have a look what the booklet for
Hex(5D0CAF) contains.

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Color

Hex(5D0CAF)

Conversions

Conversions Part 1

Format	Color
Hex	5D0CAF
RGB	93, 12, 175
RGB Percent	36%, 5%, 69%
CMY	0.6353, 0.9529, 0.3137
CMYK	0.47, 0.93, 0.00, 0.31
HSL	270°, 87%, 37%
HSV	270°, 93%, 69%
XYZ	12.3835, 5.6852, 41.0021
YIQ	54.8010, -4.0470, 67.8650

Conversions

Conversions Part 2

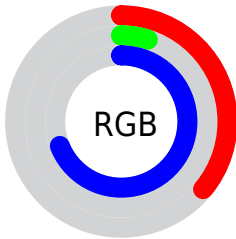
Format	Color
R _Y B	93, 12, 175
Decimal	6098095
CIE Lab	28.60, 61.22, -67.52
CIE LCh	29, 91.142, 312.197
Yxy	5.6852, 0.2096, 0.0962
Android (android.graphics.Color)	4284288175 (0xFF5D0CAF)
YUV	54.8010, 59.2581, 33.5005
Hunter-Lab	23.8438, 50.9795, -85.2655

Details

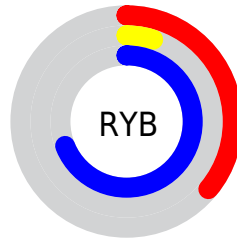
The Hex color **5D0CAF** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **5EAF0C**, and the grayscale version is **363636**.

A 20% lighter version of the original color is **974AE8**, and **1A0079** is the 20% darker color. If you saturate the color by 10%, you get **5700AF**, and if you desaturate by 10%, it is **661EAF**.

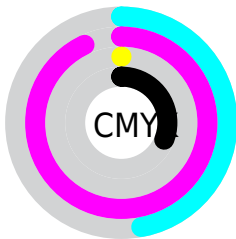
Distribution



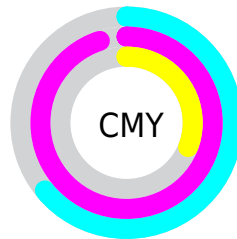
- Red (36%)
- Green (5%)
- Blue (69%)



- Red (36%)
- Yellow (5%)
- Blue (69%)



- Cyan (47%)
- Magenta (93%)
- Yellow (0%)
- Black (31%)



- Cyan (64%)
- Magenta (95%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5D0CAF 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 5D0CAF by changing the saturation by 10% instead.

5D0CAF

5D0CAF

FFFFFF

3F0094

974AE8

1A0079

B564FF

00005F

D27FFF

000046

F19BFF

00042F

FFB7FF

000119

FFD3FF

000000

FFF0FF

5D0CAF

5D0CAF

■ 5700AF

■ 661EAF

■ 6F2FAF

■ 7741AF

■ 8052AF

■ 8964AF

■ 9275AF

■ 9B87AF

■ A398AF

■ ACAA AF

Harmonies

Analogous

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



0047D3



5D0CAF



A40070

Triad

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



5D0CAF



742F00



005B60

Complementary

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



5D0CAF



5EAF0C

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.



005812



5D0CAF



384A00

Square

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



5D0CAF



9F0000



005500



005CA3

Rectangle

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



5D0CAF



B20042



005500



005A47

Sweetspot

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



5D0CAF



C3A3E3



0C60AF



5F4C73



F2F2F2



737373

Same Dimension

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



5D0CAF



7100E3



AC0CAF



524E57



4B0096



0B0017

Inverse Universe

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



AF0C5E



E30072



0FAF0C



574E52



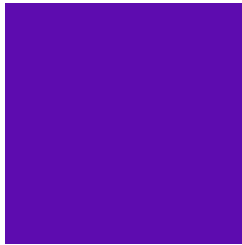
96004C



17000C

Previews

White Background



This preview shows how the Hex color 5D0CAF looks on a white background.

Color Contrast Check

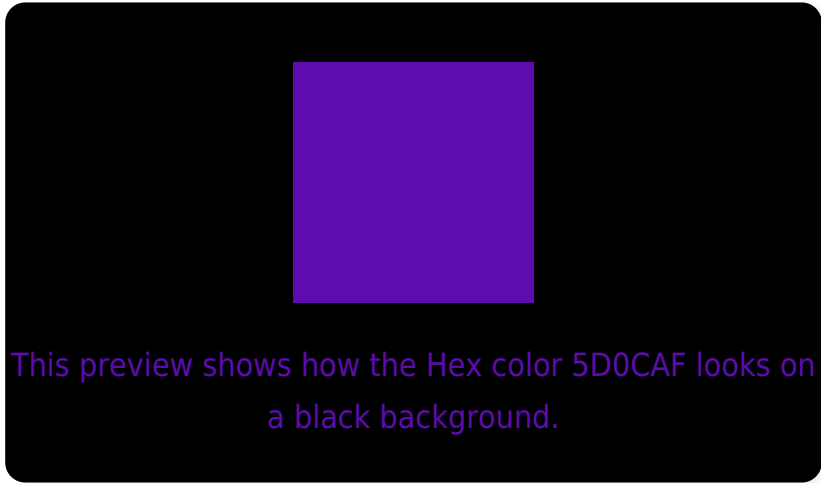
Large Text (above 18pt) WCAG AA ✓ Pass

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

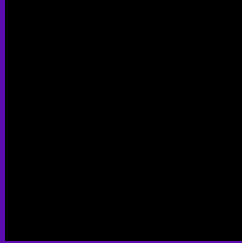
Any Text WCAG AA × Fail

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 5D0CAF Background



This preview shows how black text looks on a background with the Hex color 5D0CAF.



This preview shows how white text looks on a background with the Hex color 5D0CAF.

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
5D0CAF

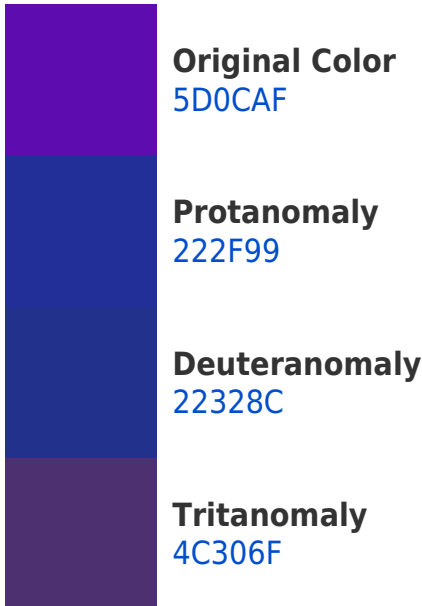
Protanopia
00438C

Deuteranopia
004778

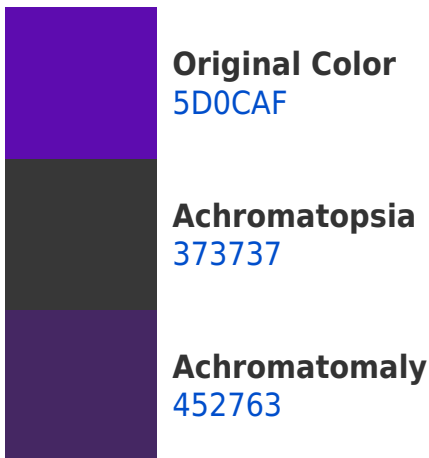


Tritanopia
43454A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5D0CAF 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 #5D0CAF looks like.

```
.text, #text, p{  
    color:#5D0CAF  
}
```

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 #5D0CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0CAF
}
```

Border

The CSS property to change the border of an element to Hex 5D0CAF is called "border". The border property can be set on classes, ids or directly on the HTML element.

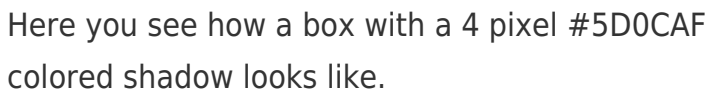
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5D0CAF }
```

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

```
.border{ border-color:#5D0CAF }
```

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



Here you see how a box with a 4 pixel #5D0CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0CAF; -webkit-box-shadow:4px 4px  
4px 4px #5D0CAF; box-shadow:4px 4px 4px  
4px #5D0CAF }
```

Background

The CSS property to change the background color of an element to Hex 5D0CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0CAF }
```

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

```
.background{ background-color:#5D0CAF }
```

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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