

# Converting Colors

Hex(5D0FBA)

Have a look what the booklet for  
Hex(5D0FBA) contains.

<b>Hex(5D0FBA)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(5D0FBA)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D0FBA
RGB	93, 15, 186
RGB Percent	36%, 6%, 73%
CMY	0.6353, 0.9412, 0.2706
CMYK	0.50, 0.92, 0.00, 0.27
HSL	267°, 85%, 39%
HSV	267°, 92%, 73%
XYZ	13.5480, 6.2140, 46.9397
YIQ	57.8160, -8.4030, 69.7170

# Conversions

## Conversions Part 2

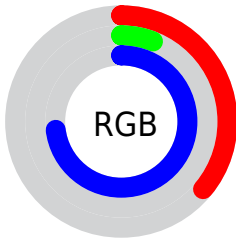
<b>Format</b>	<b>Color</b>
<b>RYB</b>	93, 15, 186
Decimal	6098874
CIELab	29.95, 63.14, -71.87
CIELCh	30, 95.666, 311.302
Yxy	6.2140, 0.2031, 0.0932
Android (android.graphics.Color)	4284288954 (0xFF5D0FBA)
YUV	57.8160, 63.1947, 30.8564
Hunter-Lab	24.9278, 53.3886, -94.1950

# Details

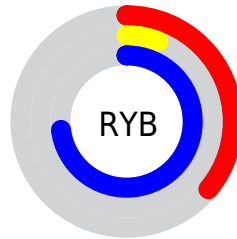
The Hex color **5D0FBA** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **6CBA0F**, and the grayscale version is **393939**.

A 20% lighter version of the original color is **994CF3**, and **140083** is the 20% darker color. If you saturate the color by 10%, you get **5500BA**, and if you desaturate by 10%, it is **6722BA**.

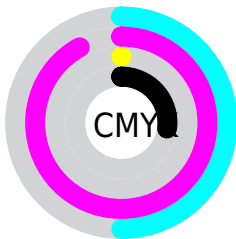
# Distribution



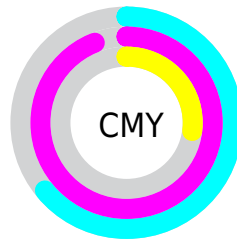
- Red (36%)
- Green (6%)
- Blue (73%)



- Red (36%)
- Yellow (6%)
- Blue (73%)



- Cyan (50%)
- Magenta (92%)
- Yellow (0%)
- Black (27%)



- Cyan (64%)
- Magenta (94%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D0FBA 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 5D0FBA by changing the saturation by 10% instead.



5D0FBA

5D0FBA

FFFFFF

3D009E

994CF3

140083

B667FF

000069

D482FF

000050

F39DFF

000538

FFB9FF

000221

FFD6FF

000007

FFF3FF

000000

5D0FBA

5D0FBA

■ 5500BA

■ 6722BA

■ 7134BA

■ 7B47BA

■ 8559BA

■ 906CBA

■ 9A7FBA

■ A491BA

■ AEA4BA

■ B8B6BA

# Harmonies

## Analogous

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



004BDF



5D0FBA



AB0078

# Triad

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



5D0FBA



7B2F00



005F62

# Complementary

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



5D0FBA



6CBA0F

# 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.



005C0E



5D0FBA



3D4D00

# Square

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



5D0FBA



A80000



005800



0060AA

# Rectangle

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



5D0FBA



BB0047



005800



005E48



# Sweetspot

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



5D0FBA



CDAEF2



0F6DBA



64517A



FAFAFA



7A7A7A



# Same Dimension

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



5D0FBA



6E00F2



B10FBA



57535C



47009C



0D001C



# Inverse Universe

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



BA0F6C



F20084



18BA0F



5C5358



9C0055

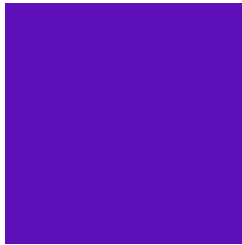


1C000F



# Previews

## White Background



This preview shows how the Hex color 5D0FBA looks on a white background.

## Color Contrast Check

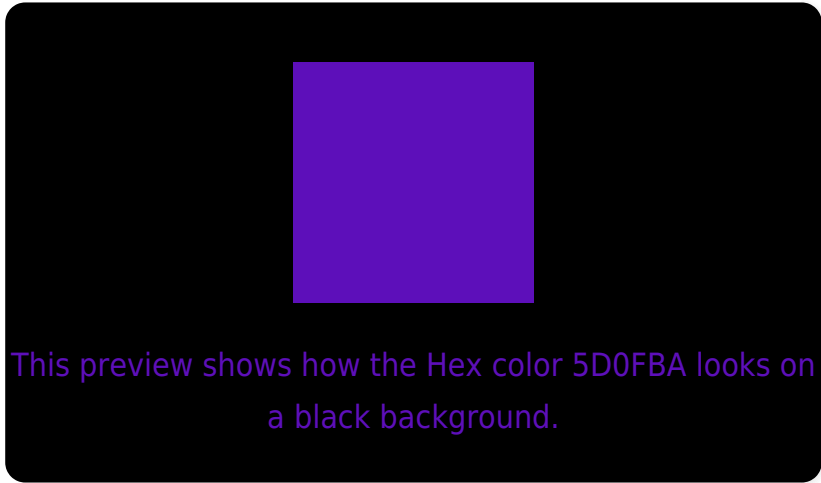
Large Text (above 18pt) WCAG AA ✓ Pass

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

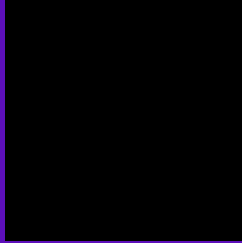
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5D0FBA Background



This preview shows how black text looks on a background with the Hex color 5D0FBA.



This preview shows how white text looks on a background with the Hex color 5D0FBA.

# 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](#).

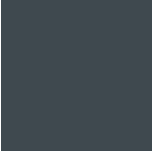
## Dichromacy



**Original Color**  
5D0FBA

**Protanopia**  
004592

**Deuteranopia**  
004A7D



**Tritanopia**  
3F494F

# Trichromacy



**Original Color**  
5D0FBA

**Protanomaly**  
2231A1

**Deuteranomaly**  
223593

**Tritanomaly**  
4A3476

# Monochromacy



**Original Color**  
5D0FBA

**Achromatopsia**  
3A3A3A

**Achromatomaly**  
472A69

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D0FBA 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 #5D0FBA looks like.

```
.text, #text, p{  
    color:#5D0FBA  
}
```

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 #5D0FBA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D0FBA
}
```

## Border

The CSS property to change the border of an element to Hex 5D0FBA 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".

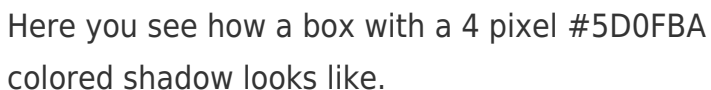
```
.border, #border, table{ border:4px solid
#5D0FBA }
```

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

```
.border{ border-color:#5D0FBA }
```

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

Here you see how a box with a 4 pixel #5D0FBA colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D0FBA; -webkit-box-shadow:4px 4px  
4px 4px #5D0FBA; box-shadow:4px 4px 4px  
4px #5D0FBA }
```

# Background

The CSS property to change the background color of an element to Hex 5D0FBA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D0FBA }
```

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

```
.background{ background-color:#5D0FBA }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

**@ConvertingColor**