

# Converting Colors

Hex(5D38D7)

Have a look what the booklet for  
Hex(5D38D7) contains.

<b>Hex(5D38D7)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	28

# Color

**Hex(5D38D7)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D38D7
RGB	93, 56, 215
RGB Percent	36%, 22%, 84%
CMY	0.6353, 0.7804, 0.1569
CMYK	0.57, 0.74, 0.00, 0.16
HSL	254°, 67%, 53%
HSV	254°, 74%, 84%
XYZ	18.1941, 10.0618, 65.2732
YIQ	85.1890, -28.9870, 57.2930

# Conversions

## Conversions Part 2

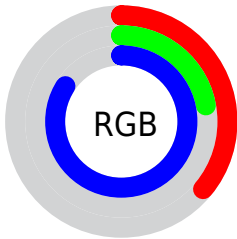
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 56, 215
Decimal	6109399
CIE Lab	37.95, 55.60, -75.62
CIE LCh	38, 93.859, 306.329
Yxy	10.0618, 0.1945, 0.1076
Android (android.graphics.Color)	4284299479 (0xFF5D38D7)
YUV	85.1890, 63.9968, 6.8502
Hunter-Lab	31.7203, 46.8732, -99.8009

# Details

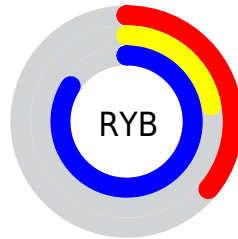
The Hex color **5D38D7** is a dark color, and the websafe version is hex **6633CC**. The color can be described as dark muted blue. A complement of this color would be **B2D738**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **9B6BFF**, and **02009F** is the 20% darker color. If you saturate the color by 10%, you get **4D23D7**, and if you desaturate by 10%, it is **6D4ED7**.

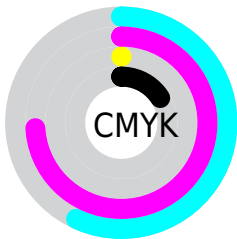
# Distribution



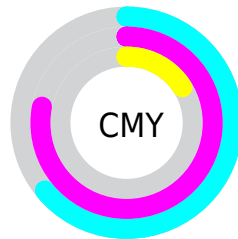
- Red (36%)
- Green (22%)
- Blue (84%)



- Red (36%)
- Yellow (22%)
- Blue (84%)



- Cyan (57%)
- Magenta (74%)
- Yellow (0%)
- Black (16%)



- Cyan (64%)
- Magenta (78%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5D38D7 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 5D38D7 by changing the saturation by 10% instead.



■ 5D38D7

■ 5D38D7

FFFFFF

■ 3B1EBB

■ 9B6BFF

■ 02009F

■ B985FF

■ 000084

■ D7A0FF

■ 00006A

■ F6BCFF

■ 000850

■ FFD8FF

■ 000538

■ FFF5FF

■ 000222

■ 000008

■ 000000

■ 5D38D7

■ 5D38D7

■ 4D23D7

■ 6D4ED7

■ 3C0DD7

■ 7E63D7

■ 3200D7

■ 8E79D7

■ 9F8ED7

■ AFA4D7

■ C0B9D7

■ D0CFD7

■ E1E4D7

■ F1FAD7

# Harmonies

## Analogous

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



0061F5



5D38D7



BA0098

# Triad

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



5D38D7



9C3B00



007468

# Complementary

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



5D38D7



B2D738

# 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.



007110



5D38D7



5F5C00

# Square

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



5D38D7



C60000



006B00



0075B3

# Rectangle

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



5D38D7



D10066



006B00



00734E



# Sweetspot

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



5D38D7



D4C7FF



38B5D7



665E80



000000



808080



# Same Dimension

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



5D38D7



511CFF



AA38D7



63606B



2800AB



0A002B



# Inverse Universe

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



D738B2



FF1CCA



65D738



6B6069



AB0083

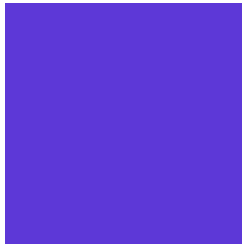


2B0021



# Previews

## White Background



This preview shows how the Hex color 5D38D7 looks on a white background.

## Color Contrast Check

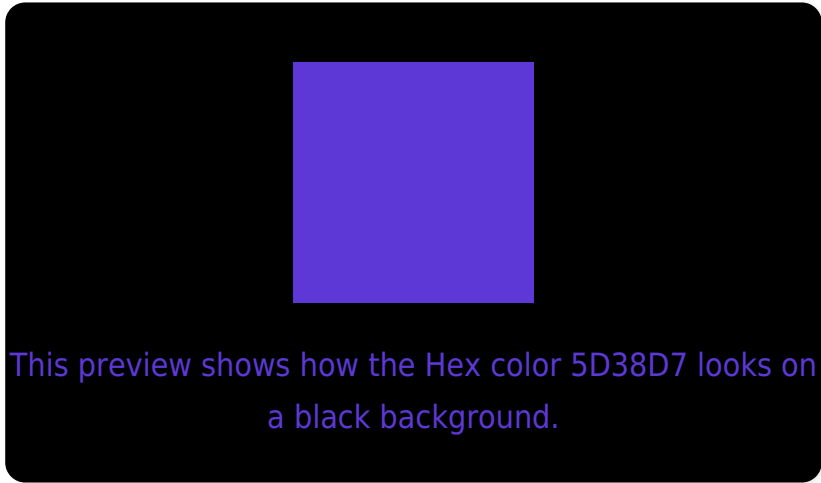
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

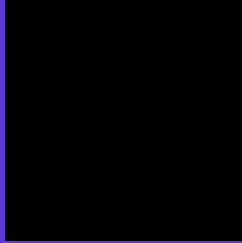
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5D38D7 Background



This preview shows how black text looks on a background with the Hex color 5D38D7.



This preview shows how white text looks on a background with the Hex color 5D38D7.

# 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**  
5D38D7



**Protanomaly**  
224BC1

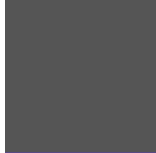


**Tritanomaly**  
425190

# Monochromacy



**Original Color**  
5D38D7



**Achromatopsia**  
555555



**Achromatomaly**  
584A84

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5D38D7 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 #5D38D7 looks like.

```
.text, #text, p{  
    color:#5D38D7  
}
```

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 #5D38D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5D38D7
}
```

## Border

The CSS property to change the border of an element to Hex 5D38D7 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
#5D38D7 }
```

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

```
.border{ border-color:#5D38D7 }
```

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

Here you see how a box with a 4 pixel #5D38D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5D38D7; -webkit-box-shadow:4px 4px  
4px 4px #5D38D7; box-shadow:4px 4px 4px  
4px #5D38D7 }
```

# Background

The CSS property to change the background color of an element to Hex 5D38D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5D38D7 }
```

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

```
.background{ background-color:#5D38D7 }
```

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**