

# Converting Colors

Hex(5E38BE)

Have a look what the booklet for  
Hex(5E38BE) contains.

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# Color

Hex(5E38BE)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5E38BE
RGB	94, 56, 190
RGB Percent	37%, 22%, 75%
CMY	0.6314, 0.7804, 0.2549
CMYK	0.51, 0.71, 0.00, 0.25
HSL	257°, 54%, 48%
HSV	257°, 71%, 75%
XYZ	15.3245, 8.9257, 49.6303
YIQ	82.6380, -20.3660, 49.7300

# Conversions

## Conversions Part 2

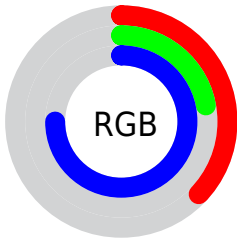
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	94, 56, 190
Decimal	6174910
CIE <sub>Lab</sub>	35.84, 48.68, -64.54
CIE <sub>LCh</sub>	36, 80.841, 307.029
Yxy	8.9257, 0.2074, 0.1208
Android (android.graphics.Color)	4284364990 (0xFF5E38BE)
YUV	82.6380, 52.9295, 9.9645
Hunter-Lab	29.8760, 39.2765, -77.5801

# Details

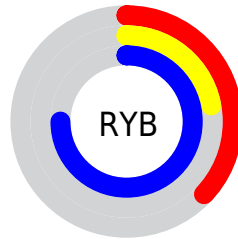
The Hex color **5E38BE** is a dark color, and the websafe version is hex **6633CC**. A complement of this color would be **98BE38**, and the grayscale version is **525252**.

A 20% lighter version of the original color is **986AF7**, and **1B0487** is the 20% darker color. If you saturate the color by 10%, you get **5025BE**, and if you desaturate by 10%, it is **6C4BBE**.

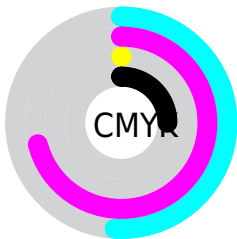
# Distribution



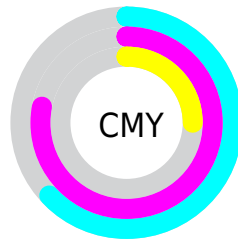
- Red (37%)
- Green (22%)
- Blue (75%)



- Red (37%)
- Yellow (22%)
- Blue (75%)



- Cyan (51%)
- Magenta (71%)
- Yellow (0%)
- Black (25%)



- Cyan (63%)
- Magenta (78%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5E38BE 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 5E38BE by changing the saturation by 10% instead.



■ 5E38BE

■ 5E38BE

FFFFFF

■ 401FA2

■ 986AF7

■ 1B0487

■ B584FF

■ 00006D

■ D39FFF

■ 000054

■ F1BAFF

■ 00063C

■ FFD6FF

■ 000225

■ FFF3FF

■ 00010D

■ 000000

■ 5E38BE

■ 5E38BE

■ 5025BE

■ 6C4BBE

■ 4312BE

■ 795EBE

■ 3600BE

■ 8771BE

■ 9484BE

■ A297BE

■ B0AABE

■ BDBDBE

■ CBD0BE

■ D9E3BE

# Harmonies

## Analogous

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



005AD8



5E38BE



A80088

# Triad

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



5E38BE



8E3C00



006C63

# Complementary

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



5E38BE



98BE38

# 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.



006A1B



5E38BE



5A5700

# Square

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



5E38BE



B20005



006400



006DA2

# Rectangle

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



5E38BE



BC005E



006400



006C4C



# Sweetspot

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



5E38BE



D2C3F7



3898BE



675E7D



FCFCFC



7D7D7D



# Same Dimension

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



5E38BE



6125F7



A138BE



58555E



2D009E



09001F



# Inverse Universe

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



BE3898



F725BC



55BE38



5E555C



9E0071

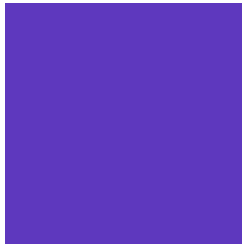


1F0016



# Previews

## White Background



This preview shows how the Hex color 5E38BE looks on a white background.

## Color Contrast Check

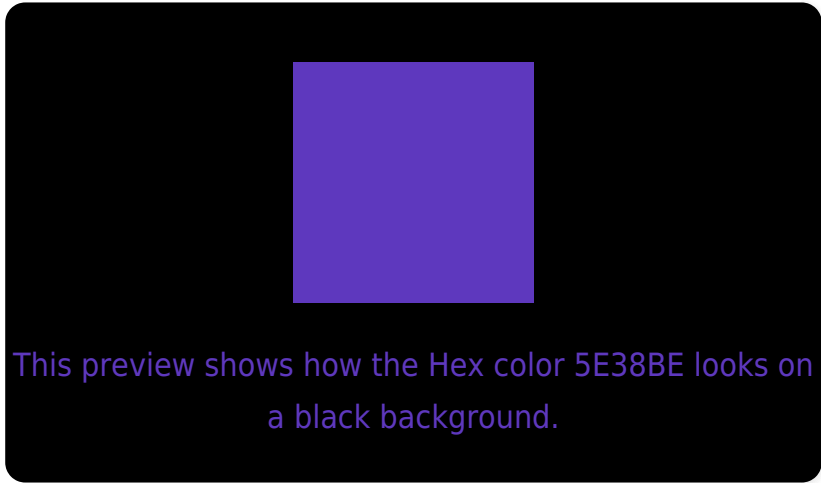
Large Text (above 18pt) WCAG AA ✓ Pass

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

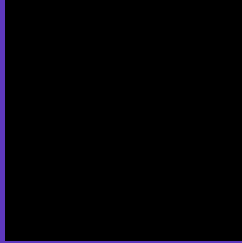
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5E38BE Background



This preview shows how black text looks on a background with the Hex color 5E38BE.

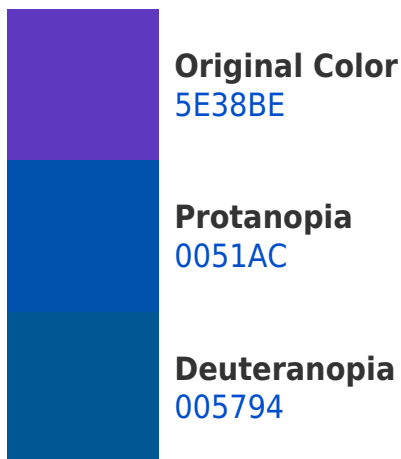


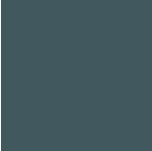
This preview shows how white text looks on a background with the Hex color 5E38BE.

# 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





**Tritanopia**  
42585F

# Trichromacy



**Original Color**  
5E38BE



**Protanomaly**  
2248B3



**Deuteranomaly**  
224CA3



**Tritanomaly**  
4C4C82

# Monochromacy



**Original Color**  
5E38BE



**Achromatopsia**  
535353



**Achromatomaly**  
57497A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5E38BE 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 #5E38BE looks like.

```
.text, #text, p{  
    color:#5E38BE  
}
```

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 #5E38BE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5E38BE
}
```

## Border

The CSS property to change the border of an element to Hex 5E38BE is called "border". The border property can be set on classes, ids or directly on the HTML element.

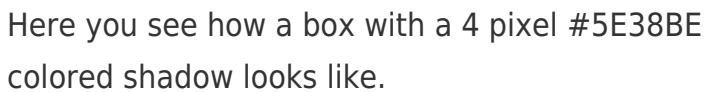
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5E38BE }
```

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

```
.border{ border-color:#5E38BE }
```

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



Here you see how a box with a 4 pixel #5E38BE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5E38BE; -webkit-box-shadow:4px 4px  
4px 4px #5E38BE; box-shadow:4px 4px 4px  
4px #5E38BE }
```

# Background

The CSS property to change the background color of an element to Hex 5E38BE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5E38BE }
```

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

```
.background{ background-color:#5E38BE }
```

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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