

Converting Colors

Hex(5A38CE)

Have a look what the booklet for
Hex(5A38CE) contains.

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Color

Hex(5A38CE)

Conversions

Conversions Part 1

Format	Color
Hex	5A38CE
RGB	90, 56, 206
RGB Percent	35%, 22%, 81%
CMY	0.6471, 0.7804, 0.1922
CMYK	0.56, 0.73, 0.00, 0.19
HSL	254°, 60%, 51%
HSV	254°, 73%, 81%
XYZ	16.7712, 9.4582, 59.3342
YIQ	83.2660, -27.8860, 53.8580

Conversions

Conversions Part 2

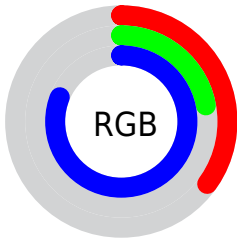
Format	Color
RYB	90, 56, 206
Decimal	5912782
CIELab	36.85, 52.63, -72.24
CIELCh	37, 89.377, 306.078
Yxy	9.4582, 0.1960, 0.1105
Android (android.graphics.Color)	4284102862 (0xFF5A38CE)
YUV	83.2660, 60.5079, 5.9057
Hunter-Lab	30.7542, 43.5214, -92.8603

Details

The Hex color **5A38CE** 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 **ACCE38**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **976AFF**, and **010296** is the 20% darker color. If you saturate the color by 10%, you get **4A23CE**, and if you desaturate by 10%, it is **6A4DCE**.

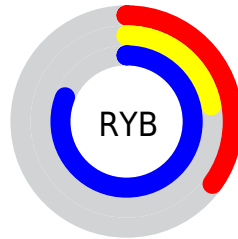
Distribution



Red (35%)

Green (22%)

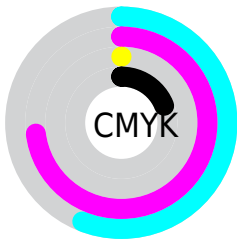
Blue (81%)



Red (35%)

Yellow (22%)

Blue (81%)

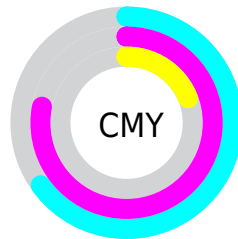


Cyan (56%)

Magenta (73%)

Yellow (0%)

Black (19%)



Cyan (65%)

Magenta (78%)

Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5A38CE 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 5A38CE by changing the saturation by 10% instead.

■ 5A38CE

■ 5A38CE

FFFFFF

■ 391FB2

■ 976AFF

■ 010296

■ B585FF

■ 00007C

■ D39FFF

■ 000062

■ F1BBFF

■ 000949

■ FFD7FF

■ 000431

■ FFF4FF

■ 00011B

■ 000000

■ 5A38CE

■ 5A38CE

 4A23CE

 6A4DCE

 3A0FCE

 7A61CE

 2F00CE

 8A76CE

 9A8ACE

 AA9FCE

 BAB4CE

 CAC8CE

 D9DDCE

 E9F1CE

Harmonies

Analogous

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



005EEA



5A38CE



B20093

Triad

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



5A38CE



973A00



007064

Complementary

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



5A38CE



ACCE38

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.



006E11



5A38CE



5E5900

Square

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



5A38CE



BE0001



006800



0071AB

Rectangle

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



5A38CE



C80064



006800



00704B

Sweetspot

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



5A38CE



D4C7FF



38AECE



665E80



000000



808080

Same Dimension

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



5A38CE



5321FF



A438CE



5E5C66



2600A6



090026

Inverse Universe

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



CE38AC



FF21CD



63CE38



665C64



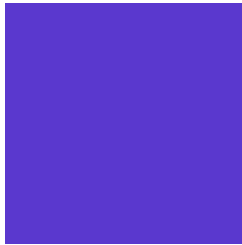
A60080



26001E

Previews

White Background



This preview shows how the Hex color 5A38CE looks on a white background.

Color Contrast Check

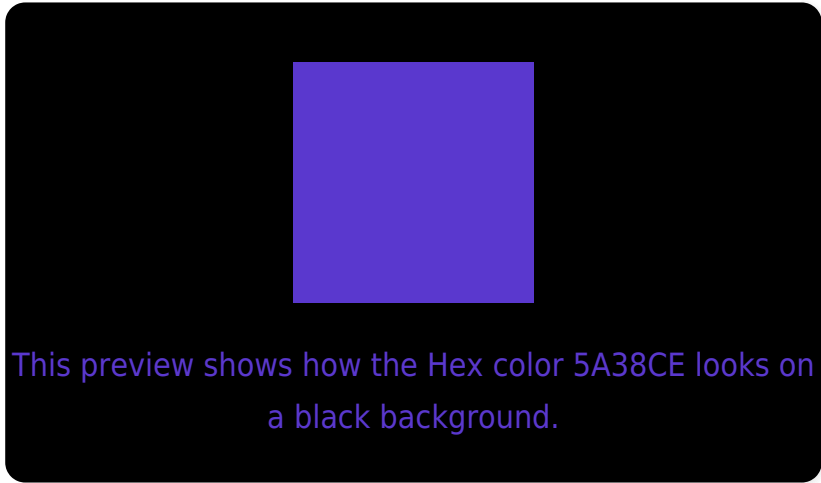
Large Text (above 18pt) WCAG AA ✓ Pass

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

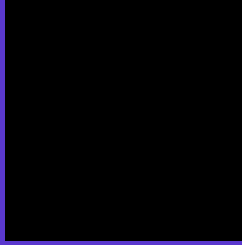
Any Text WCAG AA × Fail

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 5A38CE Background



This preview shows how black text looks on a background with the Hex color 5A38CE.

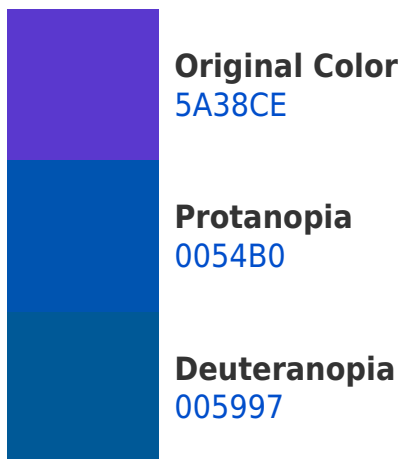



This preview shows how white text looks on a background with the Hex color 5A38CE.

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](#).

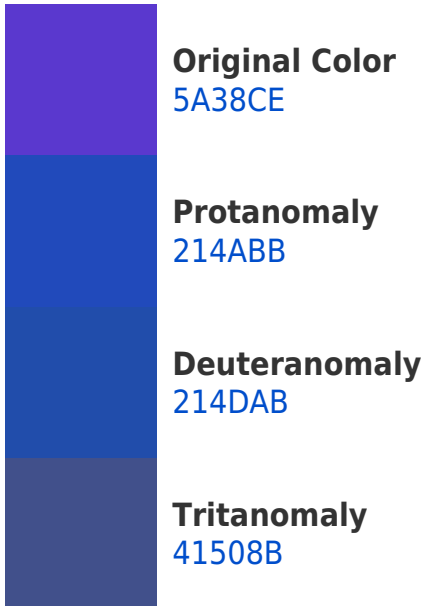
Dichromacy



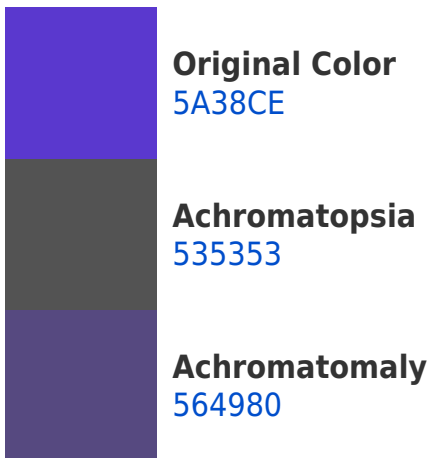


Tritanopia
325D64

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5A38CE 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 #5A38CE looks like.

```
.text, #text, p{  
    color:#5A38CE  
}
```

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 #5A38CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5A38CE
}
```

Border

The CSS property to change the border of an element to Hex 5A38CE is called "border". The border property can be set on classes, ids or directly on the HTML element.

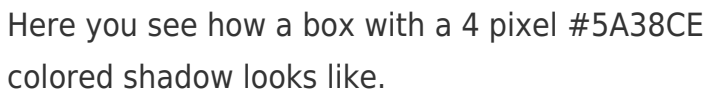
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5A38CE }
```

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

```
.border{ border-color:#5A38CE }
```

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



Here you see how a box with a 4 pixel #5A38CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5A38CE; -webkit-box-shadow:4px 4px  
4px 4px #5A38CE; box-shadow:4px 4px 4px  
4px #5A38CE }
```

Background

The CSS property to change the background color of an element to Hex 5A38CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5A38CE }
```

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

```
.background{ background-color:#5A38CE }
```

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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