

# Converting Colors

Hex(5C4589)

Have a look what the booklet for  
Hex(5C4589) contains.

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# Color

**Hex(5C4589)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C4589
RGB	92, 69, 137
RGB Percent	36%, 27%, 54%
CMY	0.6392, 0.7294, 0.4627
CMYK	0.33, 0.50, 0.00, 0.46
HSL	260°, 33%, 40%
HSV	260°, 50%, 54%
XYZ	11.0571, 8.3377, 24.6935
YIQ	83.6290, -8.1200, 26.0240

# Conversions

## Conversions Part 2

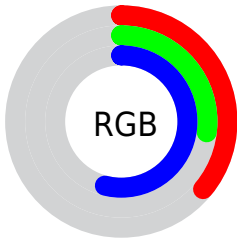
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 69, 137
Decimal	6047113
CIE <sub>Lab</sub>	34.68, 25.65, -34.59
CIE <sub>LCh</sub>	35, 43.064, 306.557
Yxy	8.3377, 0.2508, 0.1891
Android (android.graphics.Color)	4284237193 (0xFF5C4589)
<b>YUV</b>	83.6290, 26.3119, 7.3414
Hunter-Lab	28.8751, 17.8215, -30.4913

# Details

The Hex color **5C4589** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **728945**, and the grayscale version is **535353**.

A 20% lighter version of the original color is **9076BF**, and **2A1957** is the 20% darker color. If you saturate the color by 10%, you get **533789**, and if you desaturate by 10%, it is **655389**.

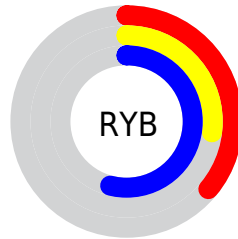
# Distribution



Red (36%)

Green (27%)

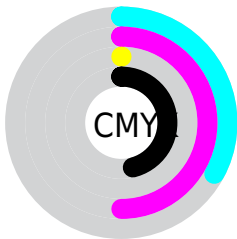
Blue (54%)



Red (36%)

Yellow (27%)

Blue (54%)

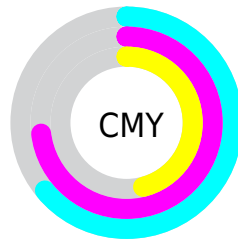


Cyan (33%)

Magenta (50%)

Yellow (0%)

Black (46%)



Cyan (64%)

Magenta (73%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C4589 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 5C4589 by changing the saturation by 10% instead.



 5C4589

 5C4589

FFFFFF

 432E6F

 9076BF

 2A1957

 AC90DB

 11023F

 C7AAF8

 000128

 E4C6FF

 000112

 FFE2FF

 000000

FFFEFF

 5C4589

 5C4589

 533789

 655389

■ 4A2A89

■ 6E6089

■ 411C89

■ 776E89

■ 380E89

■ 807C89

■ 2F0089

■ 898A89

■ 2E0089

■ 929789

■ 9BA589

■ A5B389

■ AEC089

# Harmonies

## Analogous

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



005396



5C4589



80366E

# Triad

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



5C4589



78460E



006258

# Complementary

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



5C4589



728945

# 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.



006035



5C4589



5B5200

# Square

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



5C4589



8A372B



375B14



00617A

# Rectangle

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



5C4589



8C2F57



375B14



00614C



# Sweetspot

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



5C4589



A198B3



457289



4F4959



D9D9D9



595959



# Same Dimension

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



5C4589



6C47B3



7E4589



403E45



2D0085



020005



# Inverse Universe

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



894572



B3478E



508945



453E43



850058

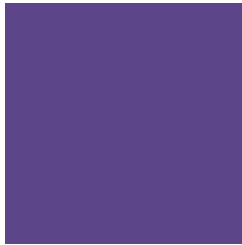


050003



# Previews

## White Background



This preview shows how the Hex color 5C4589 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

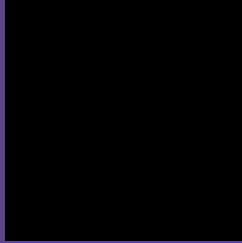
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C4589 Background



This preview shows how black text looks on a background with the Hex color 5C4589.



This preview shows how white text looks on a background with the Hex color 5C4589.

# 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**  
525157

# Trichromacy



**Original Color**  
5C4589

**Protanomaly**  
414B8F

**Deuteranomaly**  
404D87

**Tritanomaly**  
564D69

# Monochromacy



**Original Color**  
5C4589

**Achromatopsia**  
545454

**Achromatomaly**  
574F67

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C4589 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 #5C4589 looks like.

```
.text, #text, p{  
    color:#5C4589  
}
```

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 #5C4589 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C4589
}
```

## Border

The CSS property to change the border of an element to Hex 5C4589 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
#5C4589 }
```

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

```
.border{ border-color:#5C4589 }
```

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

Here you see how a box with a 4 pixel #5C4589 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C4589; -webkit-box-shadow:4px 4px  
4px 4px #5C4589; box-shadow:4px 4px 4px  
4px #5C4589 }
```

# Background

The CSS property to change the background color of an element to Hex 5C4589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C4589 }
```

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

```
.background{ background-color:#5C4589 }
```

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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