

# Converting Colors

Hex(5C2486)

Have a look what the booklet for  
Hex(5C2486) contains.

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# Color

Hex(5C2486)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C2486
RGB	92, 36, 134
RGB Percent	36%, 14%, 53%
CMY	0.6392, 0.8588, 0.4745
CMYK	0.31, 0.73, 0.00, 0.47
HSL	274°, 58%, 33%
HSV	274°, 73%, 53%
XYZ	9.3476, 5.2583, 23.0765
YIQ	63.9160, 1.9180, 42.3500

# Conversions

## Conversions Part 2

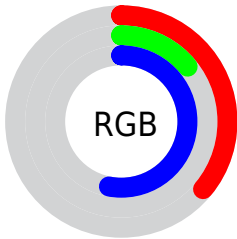
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 36, 134
Decimal	6038662
CIELab	27.46, 43.47, -44.32
CIELCh	27, 62.079, 314.451
Yxy	5.2583, 0.2481, 0.1395
Android (android.graphics.Color)	4284228742 (0xFF5C2486)
YUV	63.9160, 34.5514, 24.6297
Hunter-Lab	22.9310, 32.6346, -43.6147

# Details

The Hex color **5C2486** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **4E8624**, and the grayscale version is **404040**.

A 20% lighter version of the original color is **9256BC**, and **270053** is the 20% darker color. If you saturate the color by 10%, you get **561786**, and if you desaturate by 10%, it is **623186**.

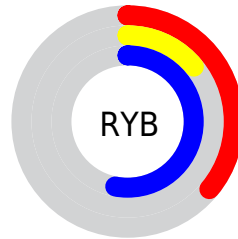
# Distribution



Red (36%)

Green (14%)

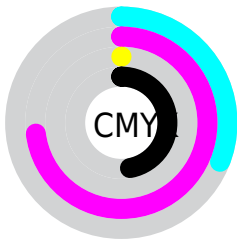
Blue (53%)



Red (36%)

Yellow (14%)

Blue (53%)

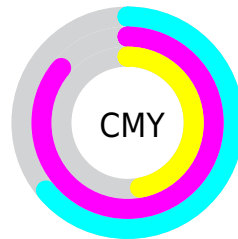


Cyan (31%)

Magenta (73%)

Yellow (0%)

Black (47%)



Cyan (64%)

Magenta (86%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C2486 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 5C2486 by changing the saturation by 10% instead.



 5C2486

 5C2486

FFFFFF

 42086C

 9256BC

 270053

 AE70D8

 0F003C

 CA8AF5

 000225

 E7A5FF

 00010D

 FFC0FF

 000000

 FFD0FF

 FFFAFF

 5C2486

 5C2486

■ 561786

■ 623186

■ 510986

■ 673F86

■ 4D0086

■ 6D4C86

■ 735A86

■ 796786

■ 7E7486

■ 848286

■ 8A8F86

■ 909D86

# Harmonies

## Analogous

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



00409F



5C2486



86005C

# Triad

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



5C2486



643500



005458

# Complementary

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



5C2486



4E8624

# 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.



005225



5C2486



3B4600

# Square

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



5C2486



821400



004E00



005384

# Rectangle

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



5C2486



90003C



004E00



005347



# Sweetspot

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



5C2486



9D87AD



244E86



4D4057



D6D6D6



575757



# Same Dimension

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



5C2486



6C15AD



86247F



3F3C42



4A0082



010003



# Inverse Universe

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



86244E



AD1556



24862B



423C3F



820038



030001



# Previews

## White Background



This preview shows how the Hex color 5C2486 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

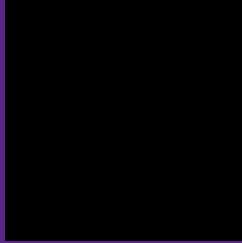
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C2486 Background



This preview shows how black text looks on a background with the Hex color 5C2486.



This preview shows how white text looks on a background with the Hex color 5C2486.

# 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**  
5C2486

**Protanopia**  
003F86

**Deuteranopia**  
004375



**Tritanopia**  
4F3C41

# Trichromacy



**Original Color**  
5C2486

**Protanomaly**  
213586

**Deuteranomaly**  
21387B

**Tritanomaly**  
54335A

# Monochromacy



**Original Color**  
5C2486

**Achromatopsia**  
404040

**Achromatomaly**  
4A3659

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C2486 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 #5C2486 looks like.

```
.text, #text, p{  
    color:#5C2486  
}
```

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 #5C2486 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C2486
}
```

## Border

The CSS property to change the border of an element to Hex 5C2486 is called "border". The border property can be set on classes, ids or directly on the HTML element.

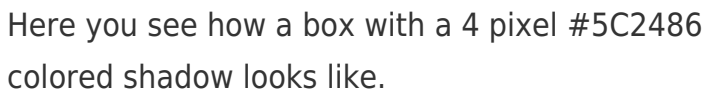
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C2486 }
```

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

```
.border{ border-color:#5C2486 }
```

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



Here you see how a box with a 4 pixel #5C2486 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C2486; -webkit-box-shadow:4px 4px  
4px 4px #5C2486; box-shadow:4px 4px 4px  
4px #5C2486 }
```

# Background

The CSS property to change the background color of an element to Hex 5C2486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C2486 }
```

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

```
.background{ background-color:#5C2486 }
```

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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