

# Converting Colors

Hex(5C3D90)

Have a look what the booklet for  
Hex(5C3D90) contains.

<b>Hex(5C3D90)</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> .....	29

# Color

**Hex(5C3D90)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3D90
RGB	92, 61, 144
RGB Percent	36%, 24%, 56%
CMY	0.6392, 0.7608, 0.4353
CMYK	0.36, 0.58, 0.00, 0.44
HSL	262°, 40%, 40%
HSV	262°, 58%, 56%
XYZ	11.1164, 7.6264, 27.2717
YIQ	79.7310, -8.1670, 32.3850

# Conversions

## Conversions Part 2

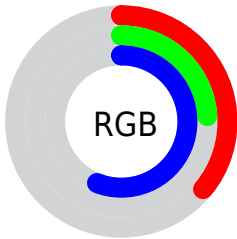
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	92, 61, 144
Decimal	6045072
CIE <sub>Lab</sub>	33.19, 32.48, -41.26
CIE <sub>LCh</sub>	33, 52.509, 308.215
Yxy	7.6264, 0.2416, 0.1657
Android (android.graphics.Color)	4284235152 (0xFF5C3D90)
YUV	79.7310, 31.6846, 10.7599
Hunter-Lab	27.6160, 23.5247, -39.2197

# Details

The Hex color **5C3D90** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **71903D**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **916EC6**, and **28105D** is the 20% darker color. If you saturate the color by 10%, you get **532F90**, and if you desaturate by 10%, it is **654B90**.

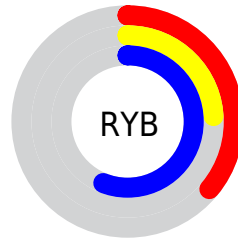
# Distribution



Red (36%)

Green (24%)

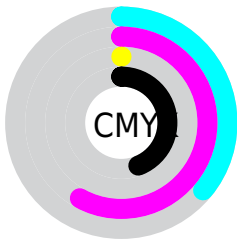
Blue (56%)



Red (36%)

Yellow (24%)

Blue (56%)

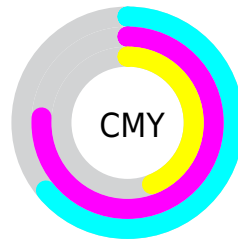


Cyan (36%)

Magenta (58%)

Yellow (0%)

Black (44%)



Cyan (64%)

Magenta (76%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3D90 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 5C3D90 by changing the saturation by 10% instead.



 5C3D90

 5C3D90

FFFFFF

 422676

 916EC6

 28105D

 AD87E3

 0E0045

 C9A2FF

 00012E

 E6BDFF

 000118

 FFD9FF

 000000

 FFF6FF

 5C3D90

 5C3D90

 532F90

 654B90

■ 4A2090

■ 6E5A90

■ 411290

■ 776890

■ 380390

■ 807790

■ 360090

■ 898590

■ 929390

■ 9BA290

■ A4B090

■ ADBF90

# Harmonies

## Analogous

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



0050A1



5C3D90



87256E

# Triad

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



5C3D90



774000



006059

# Complementary

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



5C3D90



71903D

# 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.



005E2D



5C3D90



555000

# Square

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



5C3D90



8F2B1C



265900



005F81

# Rectangle

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



5C3D90



941A52



265900



00604A



# Sweetspot

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



5C3D90



A69BBA



3D7290



534B5E



DEDEDE



5E5E5E



# Same Dimension

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



5C3D90



6A3ABA



853D90



434047



320087



030008



# Inverse Universe

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



903D71



BA3A8A



48903D



474045



870055

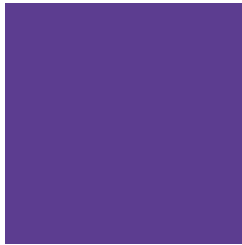


080005



# Previews

## White Background



This preview shows how the Hex color 5C3D90 looks on a white background.

## Color Contrast Check

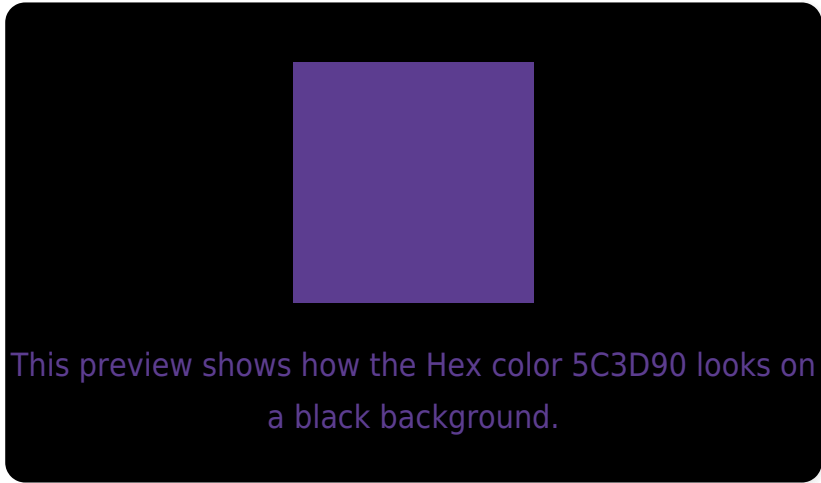
Large Text (above 18pt) WCAG AA ✓ Pass

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

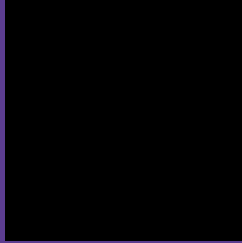
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3D90 Background



This preview shows how black text looks on a background with the Hex color 5C3D90.



This preview shows how white text looks on a background with the Hex color 5C3D90.

# 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**  
5C3D90

**Protanopia**  
0E4B9F

**Deuteranopia**  
12508C



**Tritanopia**  
4F4D53

# Trichromacy



**Original Color**  
5C3D90



**Protanomaly**  
2A469A



**Deuteranomaly**  
2D498D



**Tritanomaly**  
544769

# Monochromacy



**Original Color**  
5C3D90



**Achromatopsia**  
505050



**Achromatomaly**  
544967

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3D90 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 #5C3D90 looks like.

```
.text, #text, p{  
    color:#5C3D90  
}
```

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 #5C3D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3D90
}
```

## Border

The CSS property to change the border of an element to Hex 5C3D90 is called "border". The border property can be set on classes, ids or directly on the HTML element.

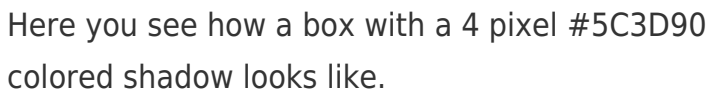
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C3D90 }
```

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

```
.border{ border-color:#5C3D90 }
```

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



Here you see how a box with a 4 pixel #5C3D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3D90; -webkit-box-shadow:4px 4px  
4px 4px #5C3D90; box-shadow:4px 4px 4px  
4px #5C3D90 }
```

# Background

The CSS property to change the background color of an element to Hex 5C3D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3D90 }
```

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

```
.background{ background-color:#5C3D90 }
```

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