

# Converting Colors

Hex(5C3D5C)

Have a look what the booklet for  
Hex(5C3D5C) contains.

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# Color

Hex(5C3D5C)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5C3D5C
RGB	92, 61, 92
RGB Percent	36%, 24%, 36%
CMY	0.6392, 0.7608, 0.6392
CMYK	0.00, 0.34, 0.00, 0.64
HSL	300°, 20%, 30%
HSV	300°, 34%, 36%
XYZ	8.0141, 6.3855, 10.9353
YIQ	73.8030, 8.5250, 16.2130

# Conversions

## Conversions Part 2

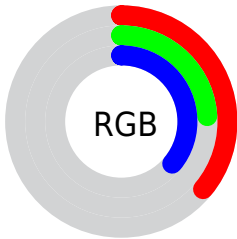
<b>Format</b>	<b>Color</b>
<b>RYB</b>	92, 61, 92
Decimal	6045020
CIELab	30.36, 19.40, -13.03
CIELCh	30, 23.370, 326.125
Yxy	6.3855, 0.3163, 0.2520
Android (android.graphics.Color)	4284235100 (0xFF5C3D5C)
YUV	73.8030, 8.9711, 15.9588
Hunter-Lab	25.2696, 12.3889, -7.9689

# Details

The Hex color **5C3D5C** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3D5C3D**, and the grayscale version is **4A4A4A**.

A 20% lighter version of the original color is **8F6D8E**, and **2D112E** is the 20% darker color. If you saturate the color by 10%, you get **5C345C**, and if you desaturate by 10%, it is **5C465C**.

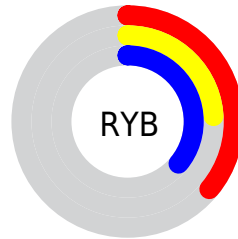
# Distribution



Red (36%)

Green (24%)

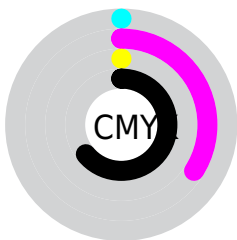
Blue (36%)



Red (36%)

Yellow (24%)

Blue (36%)

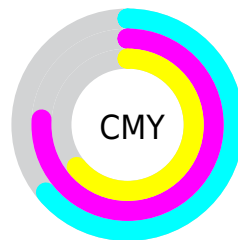


Cyan (0%)

Magenta (34%)

Yellow (0%)

Black (64%)



Cyan (64%)

Magenta (76%)

Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5C3D5C 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 5C3D5C by changing the saturation by 10% instead.



■ 5C3D5C

■ 5C3D5C

FFFFFF

■ 442744

■ 8F6D8E

■ 2D112E

■ AA86A9

■ 1B001A

■ C5A1C4

■ 000000

■ E1BCE0

■ FED8FD

■ FFF4FF

■ 5C3D5C

■ 5C3D5C

■ 5C345C

■ 5C465C

 5C2B5C

 5C4F5C

 5C215C

 5C595C

 5C185C

 5C625C

 5C0F5C

 5C6B5C

 5C065C

 5C745C

 5C005C

 5C7D5C

 5C875C

 5C905C

# Harmonies

## Analogous

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



464468



5C3D5C



68394B

# Triad

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



5C3D5C



554623



005157

# Complementary

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



5C3D5C



3D5C3D

# 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.



0F5144



5C3D5C



434B26

# Square

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



5C3D5C



633F2A



2D4F33



004F65

# Rectangle

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



5C3D5C



6B393E



2D4F33



005151



# Sweetspot

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



5C3D5C



786C78



3D3D5C



3D363D



BDBDBD



3D3D3D



# Same Dimension

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



5C3D5C



784878



5C3D4D



2E292E



6E006E



ED00ED



# Inverse Universe

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



5C3D5C



784878



3D5C4D



2E292E



6E006E

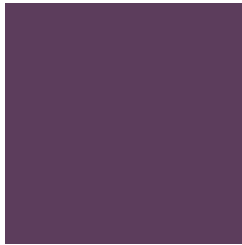


ED00ED



# Previews

## White Background



This preview shows how the Hex color 5C3D5C looks on a white background.

## Color Contrast Check

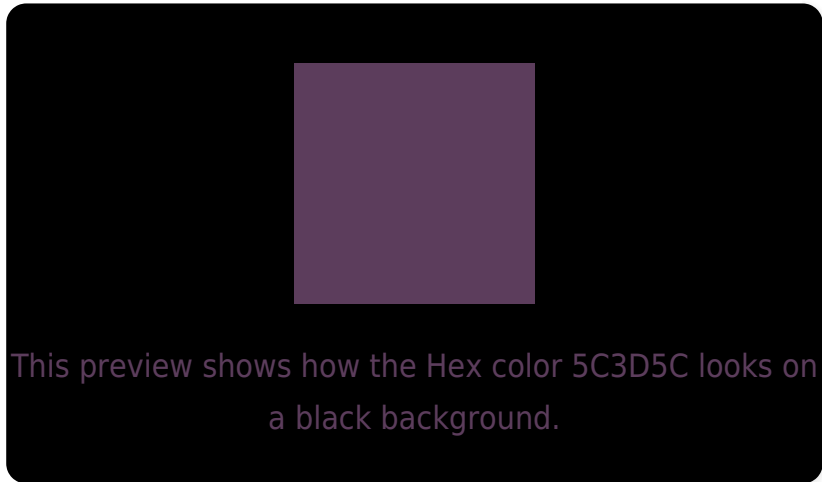
Large Text (above 18pt) WCAG AA ✓ Pass

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

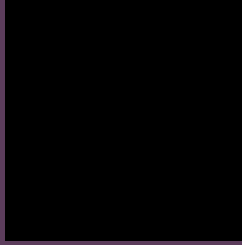
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5C3D5C Background



This preview shows how black text looks on a background with the Hex color 5C3D5C.



This preview shows how white text looks on a background with the Hex color 5C3D5C.

# 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**  
5C3D5C

**Protanopia**  
3F4763

**Deuteranopia**  
45465A



**Tritanopia**  
594146

# Trichromacy



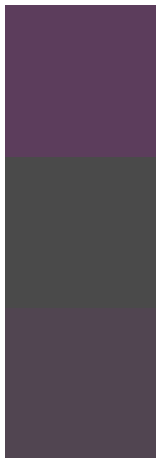
**Original Color**  
5C3D5C

**Protanomaly**  
4A4360

**Deuteranomaly**  
4D435B

**Tritanomaly**  
5A404E

# Monochromacy



**Original Color**  
5C3D5C

**Achromatopsia**  
4A4A4A

**Achromatomaly**  
514551

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5C3D5C 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 #5C3D5C looks like.

```
.text, #text, p{  
    color:#5C3D5C  
}
```

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 #5C3D5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C3D5C
}
```

## Border

The CSS property to change the border of an element to Hex 5C3D5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

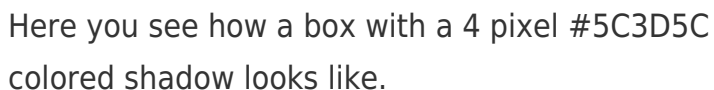
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5C3D5C }
```

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

```
.border{ border-color:#5C3D5C }
```

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



Here you see how a box with a 4 pixel #5C3D5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C3D5C; -webkit-box-shadow:4px 4px  
4px 4px #5C3D5C; box-shadow:4px 4px 4px  
4px #5C3D5C }
```

# Background

The CSS property to change the background color of an element to Hex 5C3D5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C3D5C }
```

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

```
.background{ background-color:#5C3D5C }
```

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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