

# Converting Colors

Hex(584C5C)

Have a look what the booklet for  
Hex(584C5C) contains.

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# Color

Hex(584C5C)

# Conversions

## Conversions Part 1

Format	Color
Hex	584C5C
RGB	88, 76, 92
RGB Percent	35%, 30%, 36%
CMY	0.6549, 0.7020, 0.6392
CMYK	0.04, 0.17, 0.00, 0.64
HSL	285°, 10%, 33%
HSV	285°, 17%, 36%
XYZ	8.5407, 8.0163, 11.2224
YIQ	81.4120, 2.0160, 7.5200

# Conversions

## Conversions Part 2

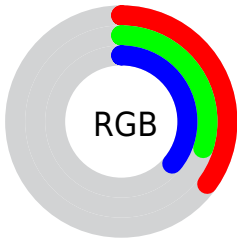
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 76, 92
Decimal	5786716
CIE Lab	34.02, 8.36, -7.54
CIE LCh	34, 11.257, 317.977
Yxy	8.0163, 0.3074, 0.2886
Android (android.graphics.Color)	4283976796 (0xFF584C5C)
YUV	81.4120, 5.2199, 5.7777
Hunter-Lab	28.3131, 4.2971, -3.6815

# Details

The Hex color **584C5C** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **505C4C**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **8A7D8E**, and **2A202E** is the 20% darker color. If you saturate the color by 10%, you get **56435C**, and if you desaturate by 10%, it is **5A555C**.

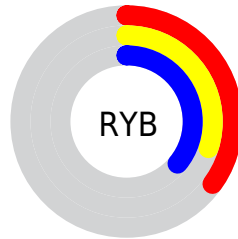
# Distribution



 Red (35%)

 Green (30%)

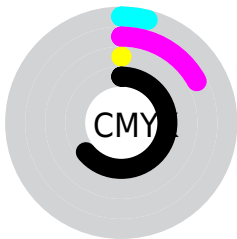
 Blue (36%)



 Red (35%)

 Yellow (30%)

 Blue (36%)

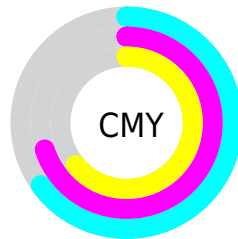


 Cyan (4%)

 Magenta (17%)

 Yellow (0%)

 Black (64%)



 Cyan (65%)

 Magenta (70%)

 Yellow (64%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584C5C 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 584C5C by changing the saturation by 10% instead.



■ 584C5C

■ 584C5C

FFFFFF

■ 413544

■ 8A7D8E

■ 2A202E

■ A497A9

■ 17091A

■ BFB1C4

■ 000000

■ DBCDE0

■ F8E9FC

■ 584C5C

■ 584C5C

■ 56435C

■ 5A555C

■ 533A5C

■ 5D5E5C

■ 51305C

■ 5F685C

■ 4F275C

■ 61715C

■ 4D1E5C

■ 647A5C

■ 4A155C

■ 66835C

■ 480C5C

■ 688C5C

■ 46025C

■ 6A965C

■ 45005C

■ 6D9F5C

# Harmonies

## Analogous

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



4D4F61



584C5C



604A54

# Triad

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



584C5C



5A4E3F



385555

# Complementary

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



584C5C



505C4C

# 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.



3E554C



584C5C



51513F

# Square

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



584C5C



614B43



475344



39545D

# Rectangle

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



584C5C



624A4E



475344



395552



# Sweetspot

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



584C5C



767278



4C505C



3C3A3D



BDBDBD



3D3D3D



# Same Dimension

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



584C5C



725F78



5C4C58



2D292E



52006E



B200ED



# Inverse Universe

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



5C4C50



785F65



4C5C50



2E292A



6E001B



ED003B



# Previews

## White Background



This preview shows how the Hex color 584C5C looks on a white background.

## Color Contrast Check

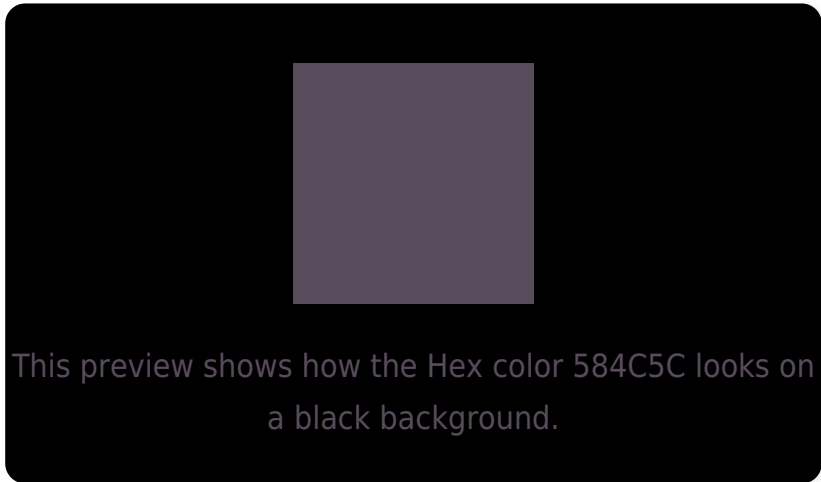
Large Text (above 18pt) WCAG AA ✓ Pass

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

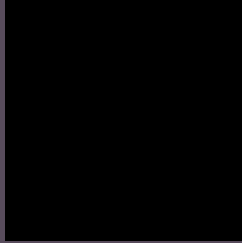
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 584C5C Background



This preview shows how black text looks on a background with the Hex color 584C5C.



This preview shows how white text looks on a background with the Hex color 584C5C.

# 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**  
584C5C

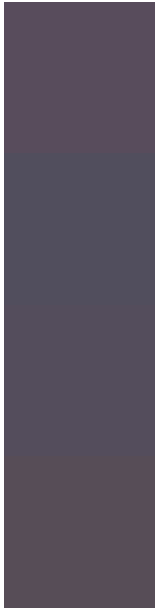
**Protanopia**  
4D4F5E

**Deuteranopia**  
524E5C



**Tritanopia**  
574D54

# Trichromacy



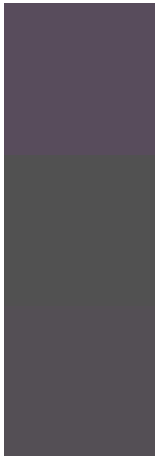
**Original Color**  
584C5C

**Protanomaly**  
514E5D

**Deuteranomaly**  
544D5C

**Tritanomaly**  
574D57

# Monochromacy



**Original Color**  
584C5C

**Achromatopsia**  
515151

**Achromatomaly**  
544F55

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584C5C 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 #584C5C looks like.

```
.text, #text, p{  
    color:#584C5C  
}
```

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 #584C5C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C5C
}
```

## Border

The CSS property to change the border of an element to Hex 584C5C is called "border". The border property can be set on classes, ids or directly on the HTML element.

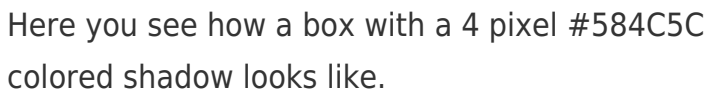
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584C5C }
```

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

```
.border{ border-color:#584C5C }
```

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



Here you see how a box with a 4 pixel #584C5C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C5C; -webkit-box-shadow:4px 4px  
4px 4px #584C5C; box-shadow:4px 4px 4px  
4px #584C5C }
```

# Background

The CSS property to change the background color of an element to Hex 584C5C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C5C }
```

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

```
.background{ background-color:#584C5C }
```

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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