

# Converting Colors

Hex(584C44)

Have a look what the booklet for  
Hex(584C44) contains.

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# Color

Hex(584C44)

# Conversions

## Conversions Part 1

Format	Color
Hex	584C44
RGB	88, 76, 68
RGB Percent	35%, 30%, 27%
CMY	0.6549, 0.7020, 0.7333
CMYK	0.00, 0.14, 0.23, 0.65
HSL	24°, 13%, 31%
HSV	24°, 23%, 35%
XYZ	7.6523, 7.6609, 6.5442
YIQ	78.6760, 9.7200, 0.0560

# Conversions

## Conversions Part 2

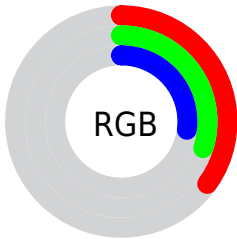
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 81, 68
Decimal	5786692
CIE Lab	33.27, 3.55, 6.60
CIE LCh	33, 7.492, 61.756
Yxy	7.6609, 0.3501, 0.3505
Android (android.graphics.Color)	4283976772 (0xFF584C44)
YUV	78.6760, -5.2633, 8.1771
Hunter-Lab	27.6784, 0.9132, 5.3565

# Details

The Hex color **584C44** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **445058**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8A7D74**, and **2A2019** is the 20% darker color. If you saturate the color by 10%, you get **58473B**, and if you desaturate by 10%, it is **58514D**.

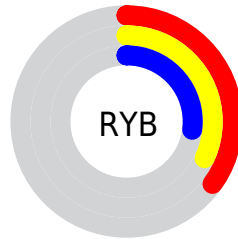
# Distribution



Red (35%)

Green (30%)

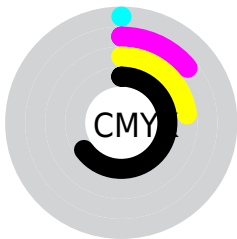
Blue (27%)



Red (35%)

Yellow (32%)

Blue (27%)

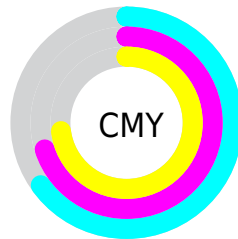


Cyan (0%)

Magenta (14%)

Yellow (23%)

Black (65%)



Cyan (65%)

Magenta (70%)

Yellow (73%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 584C44 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 584C44 by changing the saturation by 10% instead.





584C44



584C44

FFFFFF



40352E



8A7D74



2A2019



A5978E



170900



C0B1A8



000000



DCCDC3



F8E9DF

FFFFFFC



584C44



584C44



58473B



58514D

■ 584132

■ 585756

■ 583C2A

■ 585C5E

■ 583721

■ 586167

■ 583218

■ 586670

■ 582C0F

■ 586C79

■ 582706

■ 587182

■ 582300

■ 58768A

■ 587C93

# Harmonies

## Analogous

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



5B4B48



584C44



534E42

# Triad

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



584C44



41524E



504D58

# Complementary

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



584C44



445058

# 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.



484F5A



584C44



3F5154

# Square

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



584C44



455148



425058



564B54

# Rectangle

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



584C44



4E4F43



425058



4D4D59



# Sweetspot

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



584C44



736E6B



584450



3B3836



BABABA



3B3B3B



# Same Dimension

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



584C44



736054



585644



2B2927



6B2B00



EB5E00



# Inverse Universe

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



445058



546673



444658



272A2B



00406B

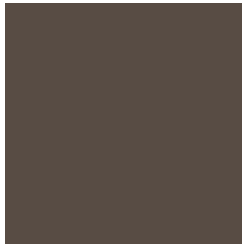


008DEB



# Previews

## White Background



This preview shows how the Hex color 584C44 looks on a white background.

## Color Contrast Check

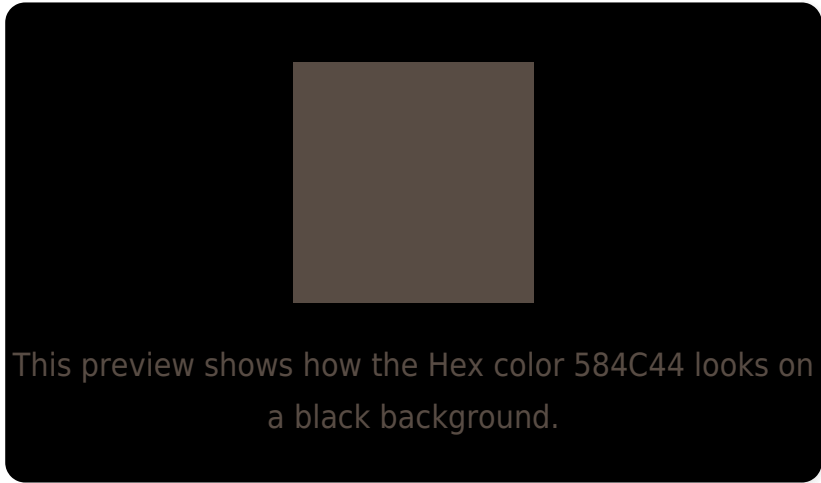
Large Text (above 18pt) WCAG AA ✓ Pass

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

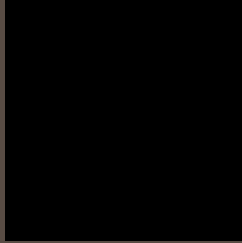
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 584C44 Background



This preview shows how black text looks on a background with the Hex color 584C44.

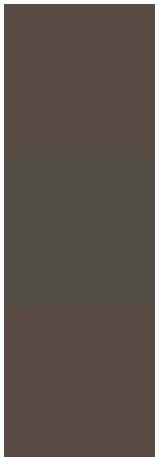


This preview shows how white text looks on a background with the Hex color 584C44.

# 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**  
584C44

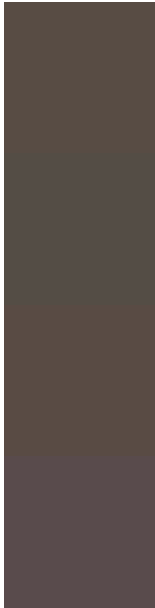
**Protanopia**  
524E45

**Deuteranopia**  
5A4B44



**Tritanopia**  
594A50

# Trichromacy



**Original Color**

584C44

**Protanomaly**

544D45

**Deuteranomaly**

594B44

**Tritanomaly**

594B4C

# Monochromacy



**Original Color**

584C44

**Achromatopsia**

4F4F4F

**Achromatomaly**

524E4B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 584C44 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 #584C44 looks like.

```
.text, #text, p{  
    color:#584C44  
}
```

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 #584C44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C44
}
```

## Border

The CSS property to change the border of an element to Hex 584C44 is called "border". The border property can be set on classes, ids or directly on the HTML element.

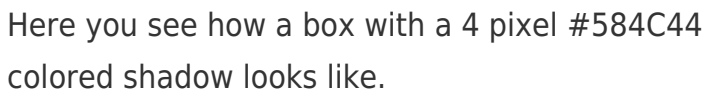
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584C44 }
```

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

```
.border{ border-color:#584C44 }
```

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



Here you see how a box with a 4 pixel #584C44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C44; -webkit-box-shadow:4px 4px  
4px 4px #584C44; box-shadow:4px 4px 4px  
4px #584C44 }
```

# Background

The CSS property to change the background color of an element to Hex 584C44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C44 }
```

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

```
.background{ background-color:#584C44 }
```

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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