

Converting Colors

Hex(584C48)

Have a look what the booklet for
Hex(584C48) contains.

Hex(584C48)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(584C48)

Conversions

Conversions Part 1

Format	Color
Hex	584C48
RGB	88, 76, 72
RGB Percent	35%, 30%, 28%
CMY	0.6549, 0.7020, 0.7176
CMYK	0.00, 0.14, 0.18, 0.65
HSL	15°, 10%, 31%
HSV	15°, 18%, 35%
XYZ	7.7786, 7.7115, 7.2094
YIQ	79.1320, 8.4360, 1.3000

Conversions

Conversions Part 2

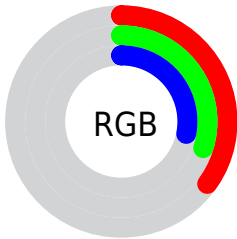
Format	Color
R_{YB}	88, 77, 72
Decimal	5786696
CIE Lab	33.37, 4.26, 4.22
CIE LCh	33, 5.995, 44.705
Yxy	7.7115, 0.3427, 0.3397
Android (android.graphics.Color)	4283976776 (0xFF584C48)
YUV	79.1320, -3.5161, 7.7772
Hunter-Lab	27.7695, 1.4037, 4.0461

Details

The Hex color **584C48** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **485458**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8A7D78**, and **2A201D** is the 20% darker color. If you saturate the color by 10%, you get **58453F**, and if you desaturate by 10%, it is **585351**.

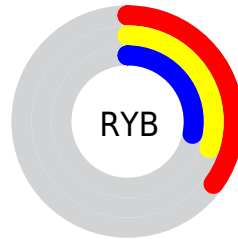
Distribution



 Red (35%)

 Green (30%)

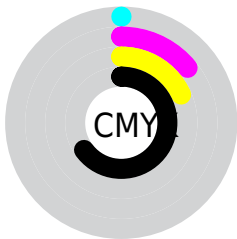
 Blue (28%)



 Red (35%)

 Yellow (30%)

 Blue (28%)

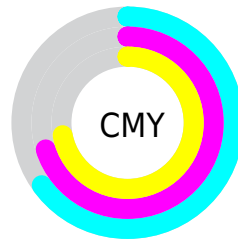


 Cyan (0%)

 Magenta (14%)

 Yellow (18%)

 Black (65%)



 Cyan (65%)

 Magenta (70%)

 Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584C48 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 584C48 by changing the saturation by 10% instead.



584C48



584C48

FFFFFF



413532



8A7D78



2A201D



A49792



170902



C0B1AD



000000



DBCDC8



F8E9E4



584C48



584C48



58453F



585351



583F36



58595A

■ 58382E

■ 586062

■ 583225

■ 58666B

■ 582B1C

■ 586D74

■ 582413

■ 58747D

■ 581E0A

■ 587A86

■ 581702

■ 58818E

■ 581600

■ 588797

Harmonies

Analogous

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



594B4C



584C48



554D45

Triad

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



584C48



46514C



4C4E58

Complementary

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



584C48



485458

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.



475057



584C48



435151

Square

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



584C48



4A5048



435155



524D55

Rectangle

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



584C48



524E45



435155



4A4F58

Sweetspot

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



584C48



736E6D



584854



3B3837



BABABA



3B3B3B

Same Dimension

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



584C48



73605A



585448



2B2827



6B1B00



EB3B00

Inverse Universe

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



485458



5A6C73



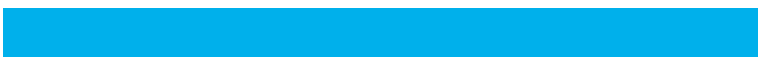
484C58



272A2B



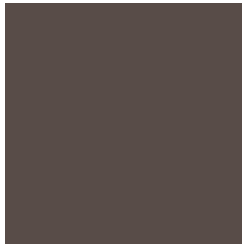
00506B



00B0EB

Previews

White Background



This preview shows how the Hex color 584C48 looks on a white background.

Color Contrast Check

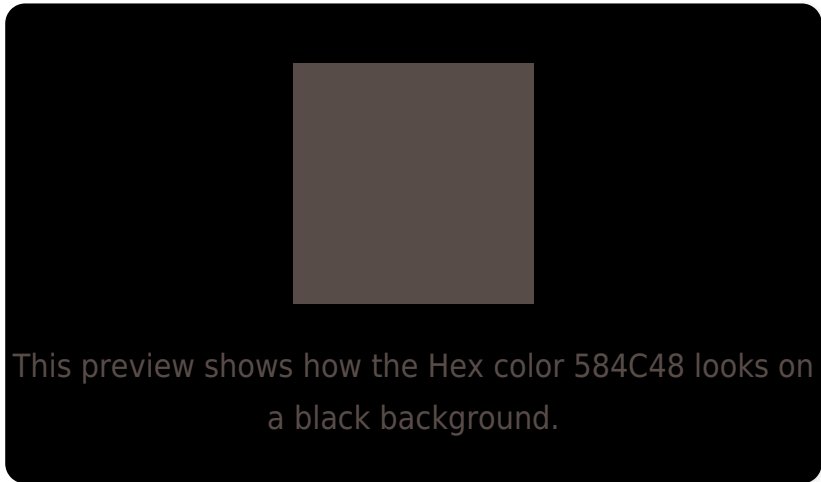
Large Text (above 18pt) WCAG AA ✓ Pass

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

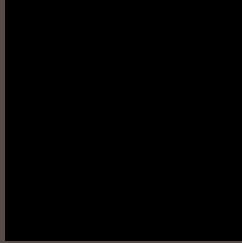
Any Text WCAG AA × Fail

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 584C48 Background



This preview shows how black text looks on a background with the Hex color 584C48.

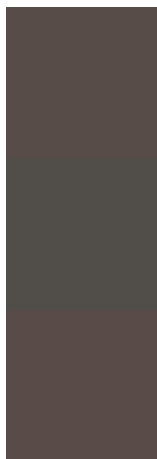


This preview shows how white text looks on a background with the Hex color 584C48.

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

584C48

Protanopia

514E49

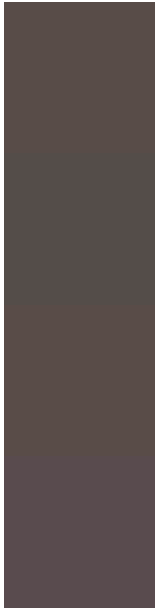
Deuteranopia

594C48



Tritanopia
594B51

Trichromacy



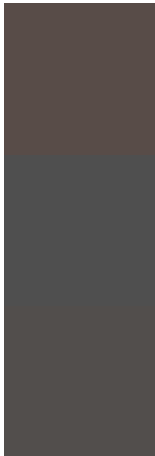
Original Color
584C48

Protanomaly
544D49

Deuteranomaly
594C48

Tritanomaly
594B4E

Monochromacy



Original Color
584C48

Achromatopsia
4F4F4F

Achromatomaly
524E4C

CSS Examples

Text

The CSS property to change the color of the text to Hex 584C48 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 #584C48 looks like.

```
.text, #text, p{  
    color:#584C48  
}
```

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 #584C48 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C48  
}
```

Border

The CSS property to change the border of an element to Hex 584C48 is called "border". The border property can be set on classes, ids or directly on the HTML element.

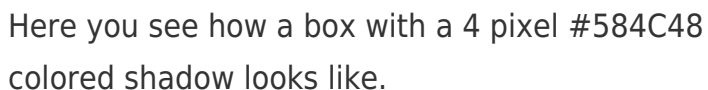
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#584C48 }
```

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

```
.border{ border-color:#584C48 }
```

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



Here you see how a box with a 4 pixel #584C48 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C48; -webkit-box-shadow:4px 4px  
4px 4px #584C48; box-shadow:4px 4px 4px  
4px #584C48 }
```

Background

The CSS property to change the background color of an element to Hex 584C48 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C48 }
```

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

```
.background{ background-color:#584C48 }
```

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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