

Converting Colors

Hex(584C31)

Have a look what the booklet for
Hex(584C31) contains.

Hex(584C31)	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(584C31)

Conversions

Conversions Part 1

Format	Color
Hex	584C31
RGB	88, 76, 49
RGB Percent	35%, 30%, 19%
CMY	0.6549, 0.7020, 0.8078
CMYK	0.00, 0.14, 0.44, 0.65
HSL	42°, 28%, 27%
HSV	42°, 44%, 35%
XYZ	7.1633, 7.4653, 3.9691
YIQ	76.5100, 15.8190, -5.8530

Conversions

Conversions Part 2

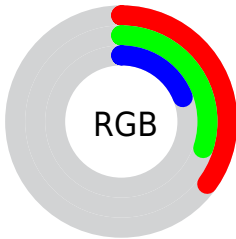
Format	Color
RYB	66, 88, 49
Decimal	5786673
CIELab	32.84, 0.67, 17.90
CIElCh	33, 17.911, 87.863
Yxy	7.4653, 0.3852, 0.4014
Android (android.graphics.Color)	4283976753 (0xFF584C31)
YUV	76.5100, -13.5624, 10.0767
Hunter-Lab	27.3228, -1.0168, 10.5130

Details

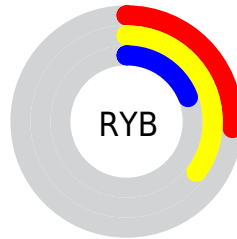
The Hex color **584C31** is a dark color, and the websafe version is hex **666633**. A complement of this color would be **313D58**, and the grayscale version is **4D4D4D**.

A 20% lighter version of the original color is **8B7D60**, and **2A2003** is the 20% darker color. If you saturate the color by 10%, you get **584928**, and if you desaturate by 10%, it is **584F3A**.

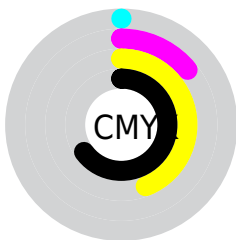
Distribution



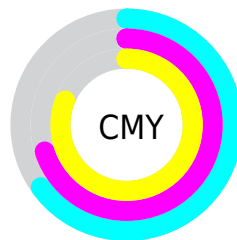
- Red (35%)
- Green (30%)
- Blue (19%)



- Red (26%)
- Yellow (35%)
- Blue (19%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (65%)



- Cyan (65%)
- Magenta (70%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584C31 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 584C31 by changing the saturation by 10% instead.

 584C31

 584C31

FFFFFF

 40351C

 8B7D60

 2A2003

 A59778

 100900

 C1B192

 000000

 DDCDAD

 FAE9C8

 FFFFE4

 584C31

 584C31

 584928

 584F3A

■ 58471F

■ 585143

■ 584417

■ 58544B

■ 58410E

■ 585754

■ 583E05

■ 585A5D

■ 583D00

■ 585C66

■ 585F6F

■ 586277

■ 586480

Harmonies

Analogous

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



634736



584C31



495034

Triad

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



584C31



1E555A



5E455C

Complementary

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



584C31



313D58

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.



4E4A66



584C31



255365

Square

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



584C31



29554C



394F69



68434F

Rectangle

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



584C31



3E533A



394F69



594760

Sweetspot

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



584C31



736E64



58313D



3B3831



BABABA



3B3B3B

Same Dimension

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



584C31



736036



515831



2B2A27



6B4A00



EBA200

Inverse Universe

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



313D58



364973



383158



27282B



00216B



0048EB

Previews

White Background



This preview shows how the Hex color 584C31 looks on a white background.

Color Contrast Check

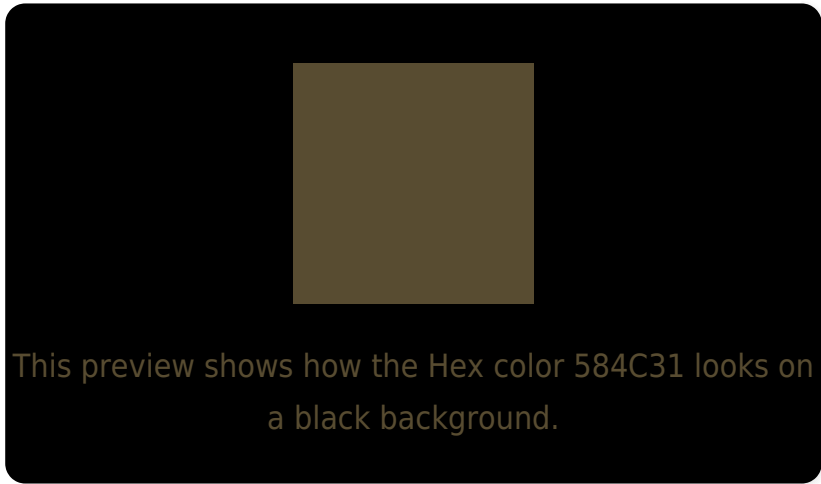
Large Text (above 18pt) WCAG AA ✓ Pass

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

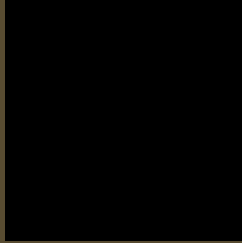
Any Text WCAG AA × Fail

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 584C31 Background



This preview shows how black text looks on a background with the Hex color 584C31.

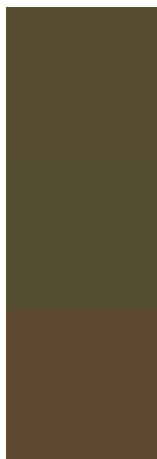


This preview shows how white text looks on a background with the Hex color 584C31.

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](#).

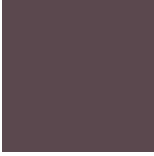
Dichromacy



Original Color
584C31

Protanopia
544D32

Deuteranopia
5D4A31



Tritanopia
5B484E

Trichromacy



Original Color
584C31

Protanomaly
554D32

Deuteranomaly
5B4B31

Tritanomaly
5A4943

Monochromacy



Original Color
584C31

Achromatopsia
4D4D4D

Achromatomaly
514D43

CSS Examples

Text

The CSS property to change the color of the text to Hex 584C31 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 #584C31 looks like.

```
.text, #text, p{  
    color:#584C31  
}
```

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 #584C31 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584C31
}
```

Border

The CSS property to change the border of an element to Hex 584C31 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
#584C31 }
```

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

```
.border{ border-color:#584C31 }
```

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

Here you see how a box with a 4 pixel #584C31 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584C31; -webkit-box-shadow:4px 4px  
4px 4px #584C31; box-shadow:4px 4px 4px  
4px #584C31 }
```

Background

The CSS property to change the background color of an element to Hex 584C31 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584C31 }
```

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

```
.background{ background-color:#584C31 }
```

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