

Converting Colors

Hex(583B3C)

Have a look what the booklet for
Hex(583B3C) contains.

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Color

Hex(583B3C)

Conversions

Conversions Part 1

Format	Color
Hex	583B3C
RGB	88, 59, 60
RGB Percent	35%, 23%, 24%
CMY	0.6549, 0.7686, 0.7647
CMYK	0.00, 0.33, 0.32, 0.65
HSL	358°, 20%, 29%
HSV	358°, 33%, 35%
XYZ	6.4041, 5.5289, 5.0046
YIQ	67.7850, 16.9630, 6.4590

Conversions

Conversions Part 2

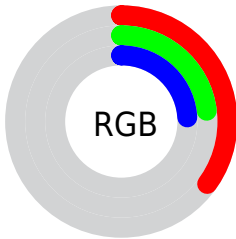
Format	Color
RYB	88, 59, 60
Decimal	5782332
CIELab	28.19, 12.98, 4.55
CIElCh	28, 13.753, 19.320
Yxy	5.5289, 0.3781, 0.3264
Android (android.graphics.Color)	4283972412 (0xFF583B3C)
YUV	67.7850, -3.8380, 17.7286
Hunter-Lab	23.5136, 7.4669, 3.8403

Details

The Hex color **583B3C** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3B5857**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B6A6B**, and **291112** is the 20% darker color. If you saturate the color by 10%, you get **583234**, and if you desaturate by 10%, it is **584444**.

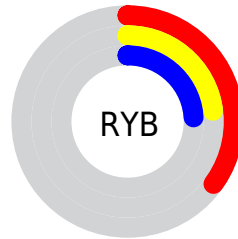
Distribution



Red (35%)

Green (23%)

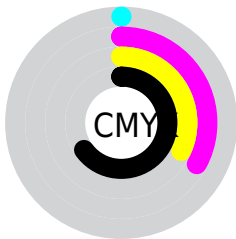
Blue (24%)



Red (35%)

Yellow (23%)

Blue (24%)

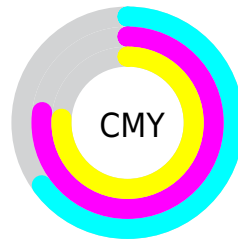


Cyan (0%)

Magenta (33%)

Yellow (32%)

Black (65%)



Cyan (65%)

Magenta (77%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583B3C 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 583B3C by changing the saturation by 10% instead.

 583B3C

 583B3C

FFFFFF

 402526

 8B6A6B

 291112

 A58484

 0D0000

 C19E9F

 000000

 DDB9B9

 FAD5D5

 FFF1F1

 583B3C

 583B3C

 583234

 584444

■ 58292B

■ 584D4D

■ 582123

■ 585555

■ 58181A

■ 585E5E

■ 580F12

■ 586766

■ 580609

■ 58706F

■ 580003

■ 587977

■ 588180

■ 588A88

Harmonies

Analogous

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



553B47



583B3C



553D33

Triad

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



583B3C



374734



304557

Complementary

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



583B3C



3B5857

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.



254752



583B3C



2B483E

Square

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



583B3C



43442E



234849



3F4156

Rectangle

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



583B3C



513F2F



234849



2C4656

Sweetspot

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



583B3C



736768



573B58



3B3434



BABABA



3B3B3B

Same Dimension

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



583B3C



734546



58483B



2B2727



6B0004



EB0008

Inverse Universe

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



583B3C



734546



3B4B58



2B2727



6B0004



EB0008

Previews

White Background



This preview shows how the Hex color 583B3C looks on a white background.

Color Contrast Check

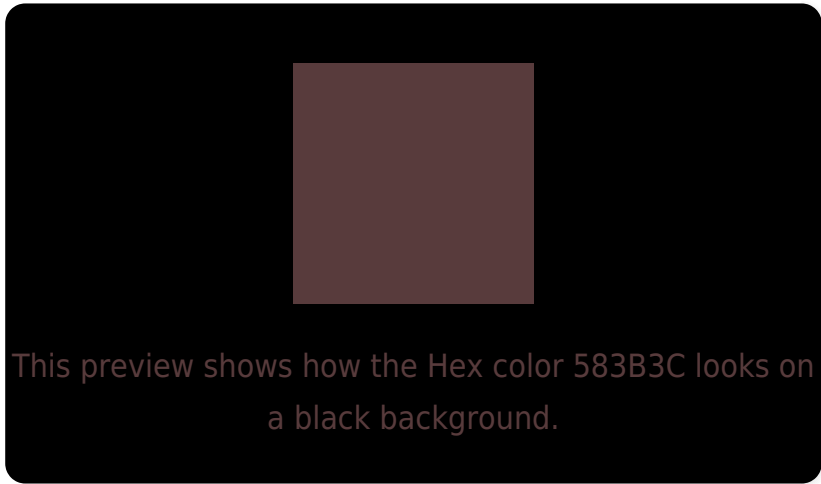
Large Text (above 18pt) WCAG AA ✓ Pass

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

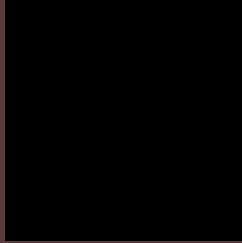
Any Text WCAG AA × Fail

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 583B3C Background



This preview shows how black text looks on a background with the Hex color 583B3C.

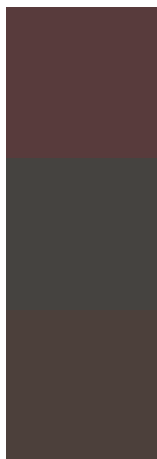


This preview shows how white text looks on a background with the Hex color 583B3C.

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](#).

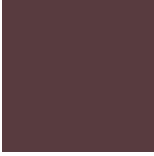
Dichromacy



Original Color
583B3C

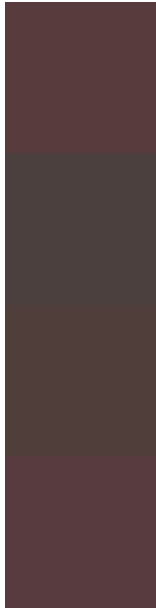
Protanopia
454340

Deuteranopia
4C403B



Tritanopia
583B3F

Trichromacy



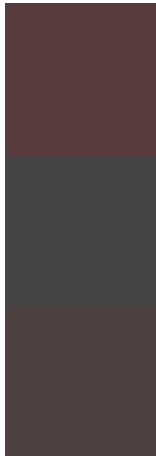
Original Color
583B3C

Protanomaly
4C403F

Deuteranomaly
503E3B

Tritanomaly
583B3E

Monochromacy



Original Color
583B3C

Achromatopsia
444444

Achromatomaly
4B4141

CSS Examples

Text

The CSS property to change the color of the text to Hex 583B3C 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 #583B3C looks like.

```
.text, #text, p{  
    color:#583B3C  
}
```

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 #583B3C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583B3C
}
```

Border

The CSS property to change the border of an element to Hex 583B3C 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".

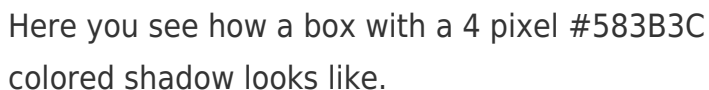
```
.border, #border, table{ border:4px solid
#583B3C }
```

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

```
.border{ border-color:#583B3C }
```

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

Here you see how a box with a 4 pixel #583B3C colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583B3C; -webkit-box-shadow:4px 4px  
4px 4px #583B3C; box-shadow:4px 4px 4px  
4px #583B3C }
```

Background

The CSS property to change the background color of an element to Hex 583B3C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583B3C }
```

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

```
.background{ background-color:#583B3C }
```

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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