

Converting Colors

Hex(583D34)

Have a look what the booklet for
Hex(583D34) contains.

Hex(583D34)	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(583D34)

Conversions

Conversions Part 1

Format	Color
Hex	583D34
RGB	88, 61, 52
RGB Percent	35%, 24%, 20%
CMY	0.6549, 0.7608, 0.7961
CMYK	0.00, 0.31, 0.41, 0.65
HSL	15°, 26%, 27%
HSV	15°, 41%, 35%
XYZ	6.3131, 5.6601, 4.0086
YIQ	68.0470, 18.9810, 2.9250

Conversions

Conversions Part 2

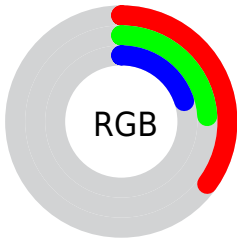
Format	Color
R_{YB}	88, 64, 52
Decimal	5782836
CIE Lab	28.54, 10.52, 10.26
CIE LCh	29, 14.689, 44.287
Yxy	5.6601, 0.3950, 0.3542
Android (android.graphics.Color)	4283972916 (0xFF583D34)
YUV	68.0470, -7.9112, 17.4988
Hunter-Lab	23.7910, 5.7317, 6.6638

Details

The Hex color **583D34** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **344F58**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B6D62**, and **291307** is the 20% darker color. If you saturate the color by 10%, you get **58362B**, and if you desaturate by 10%, it is **58443D**.

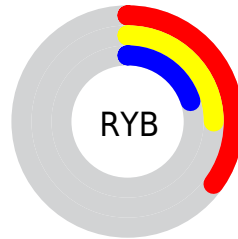
Distribution



Red (35%)

Green (24%)

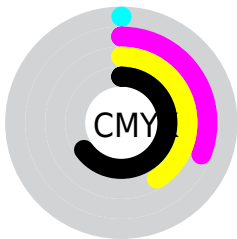
Blue (20%)



Red (35%)

Yellow (25%)

Blue (20%)

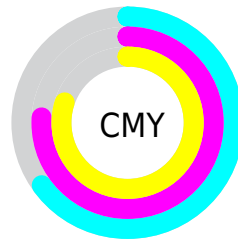


Cyan (0%)

Magenta (31%)

Yellow (41%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583D34 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 583D34 by changing the saturation by 10% instead.

■ 583D34

■ 583D34

FFFFFF

■ 40271F

■ 8B6D62

■ 291307

■ A6867B

■ 0B0000

■ C1A095

■ 000000

■ DDBBB0

■ FAD7CB

■ FFF3E7

■ 583D34

■ 583D34

■ 58362B

■ 58443D

■ 583022

■ 584A46

■ 58291A

■ 58514E

■ 582311

■ 585757

■ 581C08

■ 585E60

■ 581600

■ 586569

■ 586B72

■ 58727A

■ 587883

Harmonies

Analogous

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



5A3B3E



583D34



51412E

Triad

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



583D34



2C493D



3D4259

Complementary

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



583D34



344F58

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.



2C4659



583D34



224A48

Square

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



583D34



394733



214953



4C3F54

Rectangle

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



583D34



4A432D



214953



37445A

Sweetspot

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



583D34



736865



58344F



3B3432



BABABA



3B3B3B

Same Dimension

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



583D34



73493B



584F34



2B2827



6B1B00



EB3B00

Inverse Universe

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



344F58



3B6573



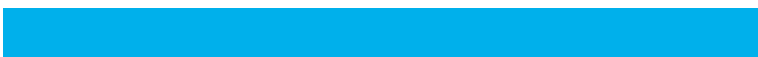
343D58



272A2B



00506B



00B0EB

Previews

White Background



This preview shows how the Hex color 583D34 looks on a white background.

Color Contrast Check

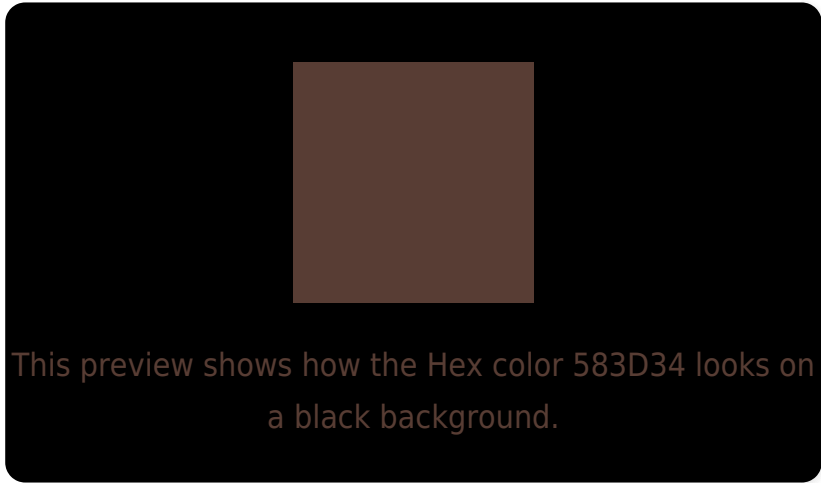
Large Text (above 18pt) WCAG AA ✓ Pass

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 583D34 Background



This preview shows how black text looks on a background with the Hex color 583D34.

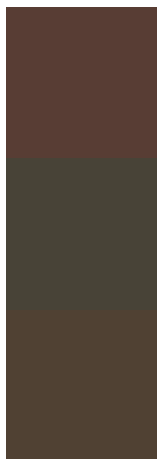


This preview shows how white text looks on a background with the Hex color 583D34.

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](#).

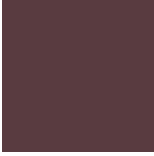
Dichromacy



Original Color
583D34

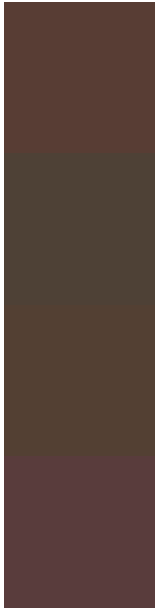
Protanopia
484337

Deuteranopia
504133



Tritanopia
593B40

Trichromacy



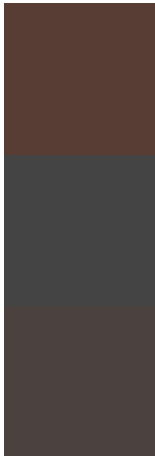
Original Color
583D34

Protanomaly
4E4136

Deuteranomaly
534033

Tritanomaly
593C3C

Monochromacy



Original Color
583D34

Achromatopsia
444444

Achromatomaly
4B413E

CSS Examples

Text

The CSS property to change the color of the text to Hex 583D34 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 #583D34 looks like.

```
.text, #text, p{  
    color:#583D34  
}
```

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 #583D34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583D34
}
```

Border

The CSS property to change the border of an element to Hex 583D34 is called "border". The border property can be set on classes, ids or directly on the HTML element.

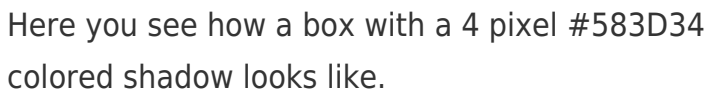
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583D34 }
```

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

```
.border{ border-color:#583D34 }
```

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



Here you see how a box with a 4 pixel #583D34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583D34; -webkit-box-shadow:4px 4px  
4px 4px #583D34; box-shadow:4px 4px 4px  
4px #583D34 }
```

Background

The CSS property to change the background color of an element to Hex 583D34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583D34 }
```

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

```
.background{ background-color:#583D34 }
```

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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