

Converting Colors

Hex(583F3A)

Have a look what the booklet for
Hex(583F3A) contains.

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Color

Hex(583F3A)

Conversions

Conversions Part 1

Format	Color
Hex	583F3A
RGB	88, 63, 58
RGB Percent	35%, 25%, 23%
CMY	0.6549, 0.7529, 0.7725
CMYK	0.00, 0.28, 0.34, 0.65
HSL	10°, 21%, 29%
HSV	10°, 34%, 35%
XYZ	6.5657, 5.9352, 4.8025
YIQ	69.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

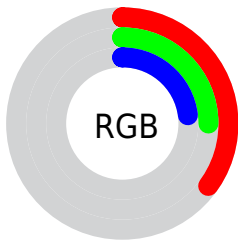
Format	Color
RYB	88, 64, 58
Decimal	5783354
CIELab	29.25, 10.12, 7.35
CIELCh	29, 12.508, 35.991
Yxy	5.9352, 0.3794, 0.3430
Android (android.graphics.Color)	4283973434 (0xFF583F3A)
YUV	69.9050, -5.8692, 15.8693
Hunter-Lab	24.3623, 5.4724, 5.3657

Details


The Hex color **583F3A** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3A5358**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8B6F69**, and **29140F** is the 20% darker color. If you saturate the color by 10%, you get **583831**, and if you desaturate by 10%, it is **584643**.

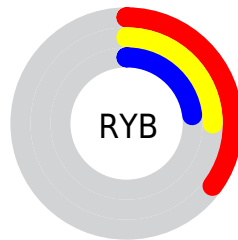
Distribution



 Red (35%)

 Green (25%)

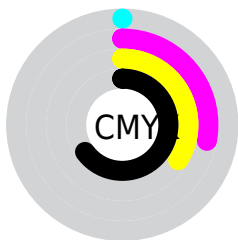
 Blue (23%)




 Red (35%)

 Yellow (25%)

 Blue (23%)

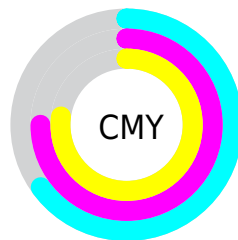


 Cyan (0%)

 Magenta (28%)

 Yellow (34%)

 Black (65%)



 Cyan (65%)

 Magenta (75%)

 Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583F3A 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 583F3A by changing the saturation by 10% instead.

■ 583F3A

■ 583F3A

FFFFFF

■ 402924

■ 8B6F69

■ 29140F

■ A58882

■ 110000

■ C1A29C

■ 000000

■ DDBDB7

■ FAD9D3

■ FFF6EF

■ 583F3A

■ 583F3A

■ 583831

■ 584643

■ 583028

■ 584E4C

■ 582920

■ 585554

■ 582217

■ 585C5D

■ 581A0E

■ 586466

■ 581305

■ 586B6F

■ 580F00

■ 587278

■ 587A80

■ 588189

Harmonies

Analogous

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



583E43



583F3A



534234

Triad

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



583F3A



354A3D



3C4558

Complementary

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



583F3A



3A5358

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.



304856



583F3A



2C4A47

Square

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



583F3A



3F4835



294A50



494255

Rectangle

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



583F3A



4D4432



294A50



374658

Sweetspot

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



583F3A



736967



583A53



3B3534



BABABA



3B3B3B

Same Dimension

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



583F3A



734C44



584E3A



2B2827



6B1200



EB2700

Inverse Universe

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



3A5358



446B73



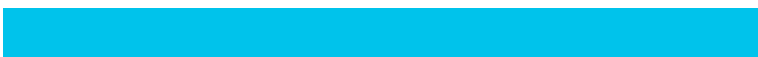
3A4458



272B2B



00596B



00C3EB

Previews

White Background



This preview shows how the Hex color 583F3A looks on a white background.

Color Contrast Check

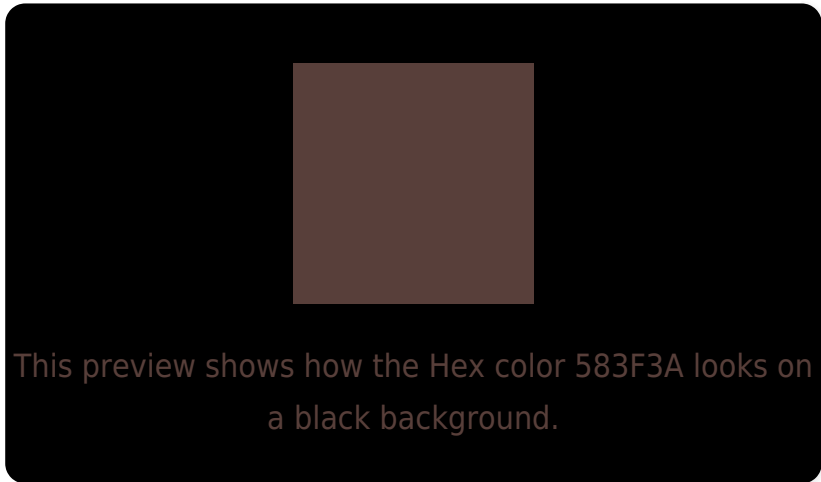
Large Text (above 18pt) WCAG AA ✓ Pass

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 583F3A Background



This preview shows how black text looks on a background with the Hex color 583F3A.

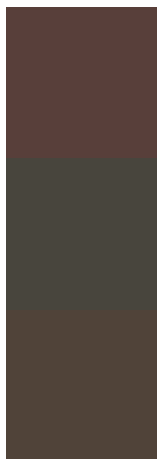


This preview shows how white text looks on a background with the Hex color 583F3A.

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](#).

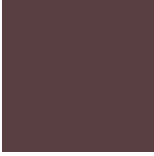
Dichromacy



Original Color
583F3A

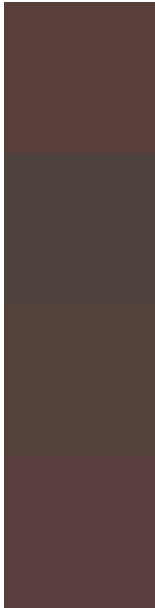
Protanopia
48453D

Deuteranopia
504339



Tritanopia
593E42

Trichromacy



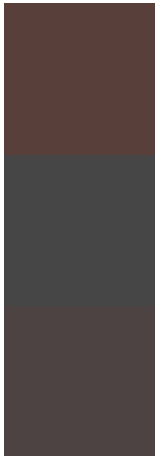
Original Color
583F3A

Protanomaly
4E433C

Deuteranomaly
534239

Tritanomaly
593E3F

Monochromacy



Original Color
583F3A

Achromatopsia
464646

Achromatomaly
4D4342

CSS Examples

Text

The CSS property to change the color of the text to Hex 583F3A 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 #583F3A looks like.

```
.text, #text, p{  
    color:#583F3A  
}
```

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 #583F3A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583F3A
}
```

Border

The CSS property to change the border of an element to Hex 583F3A 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".

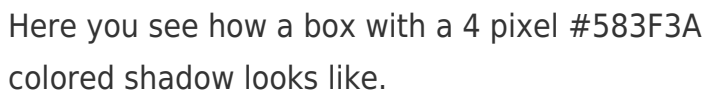
```
.border, #border, table{ border:4px solid
#583F3A }
```

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

```
.border{ border-color:#583F3A }
```

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

Here you see how a box with a 4 pixel #583F3A colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583F3A; -webkit-box-shadow:4px 4px  
4px 4px #583F3A; box-shadow:4px 4px 4px  
4px #583F3A }
```

Background

The CSS property to change the background color of an element to Hex 583F3A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583F3A }
```

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

```
.background{ background-color:#583F3A }
```

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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