

Converting Colors

Hex(584E3F)

Have a look what the booklet for
Hex(584E3F) contains.

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Color

Hex(584E3F)

Conversions

Conversions Part 1

Format	Color
Hex	584E3F
RGB	88, 78, 63
RGB Percent	35%, 31%, 25%
CMY	0.6549, 0.6941, 0.7529
CMYK	0.00, 0.11, 0.28, 0.65
HSL	36°, 17%, 30%
HSV	36°, 28%, 35%
XYZ	7.6461, 7.8824, 5.8211
YIQ	79.2800, 10.7750, -2.5450

Conversions

Conversions Part 2

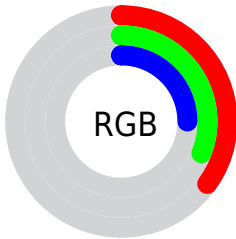
Format	Color
RYB	80, 88, 63
Decimal	5787199
CIELab	33.74, 1.46, 10.41
CIELCh	34, 10.512, 82.015
Yxy	7.8824, 0.3581, 0.3692
Android (android.graphics.Color)	4283977279 (0xFF584E3F)
YUV	79.2800, -8.0260, 7.6474
Hunter-Lab	28.0756, -0.5195, 7.3599

Details

The Hex color **584E3F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **3F4958**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **8A7F6F**, and **2A2215** is the 20% darker color. If you saturate the color by 10%, you get **584A36**, and if you desaturate by 10%, it is **585248**.

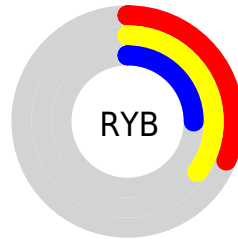
Distribution



 Red (35%)

 Green (31%)

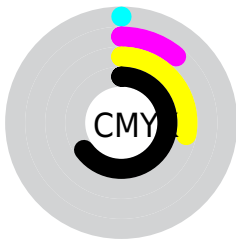
 Blue (25%)



 Red (31%)

 Yellow (35%)

 Blue (25%)

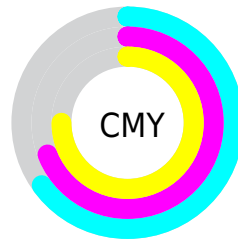


 Cyan (0%)

 Magenta (11%)

 Yellow (28%)

 Black (65%)



 Cyan (65%)

 Magenta (69%)

 Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the Hex color 584E3F 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 584E3F by changing the saturation by 10% instead.



584E3F



584E3F

FFFFFF



403729



8A7F6F



2A2215



A59988



150C00



C0B4A2



000000



DCCFBD



F8EBD9



FFFFFF6



584E3F



584E3F



584A36



585248

■ 58472D

■ 585551

■ 584325

■ 585959

■ 58401C

■ 585C62

■ 583C13

■ 58606B

■ 58390A

■ 586374

■ 583501

■ 58677D

■ 583500

■ 586A85

■ 586E8E

Harmonies

Analogous

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



5E4B43



584E3F



4F5140

Triad

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



584E3F



395455



584B5A

Complementary

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



584E3F



3F4958

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.



4E4E5F



584E3F



3B535C

Square

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



584E3F



3D544D



435160



5F4A52

Rectangle

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



584E3F



495243



435160



554C5C

Sweetspot

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



584E3F



736F68



583F49



3B3834



BABABA



3B3B3B

Same Dimension

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



584E3F



73634C



56583F



2B2A27



6B4000



EB8D00

Inverse Universe

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



3F4958



4C5B73



423F58



27292B



002B6B



005EEB

Previews

White Background



This preview shows how the Hex color 584E3F looks on a white background.

Color Contrast Check

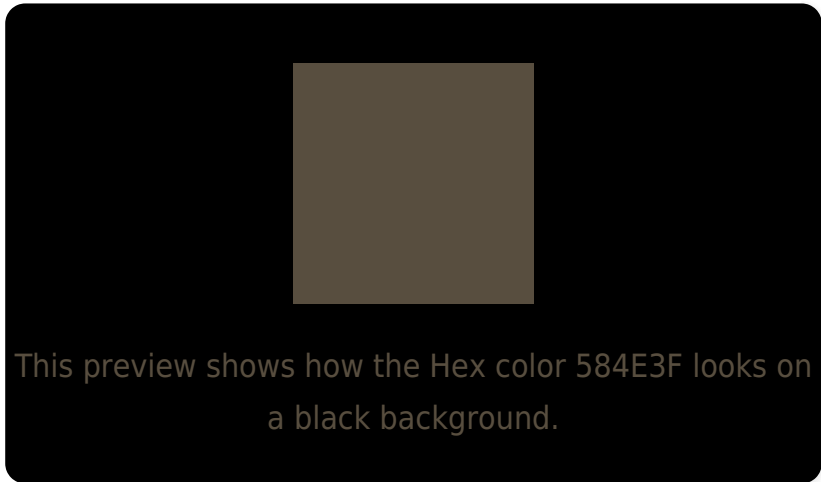
Large Text (above 18pt) WCAG AA ✓ Pass

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

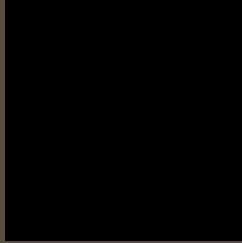
Any Text WCAG AA × Fail

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 584E3F Background



This preview shows how black text looks on a background with the Hex color 584E3F.

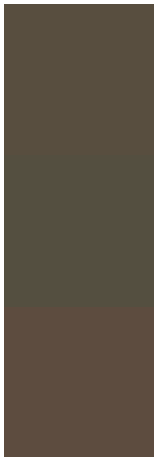


This preview shows how white text looks on a background with the Hex color 584E3F.

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
584E3F

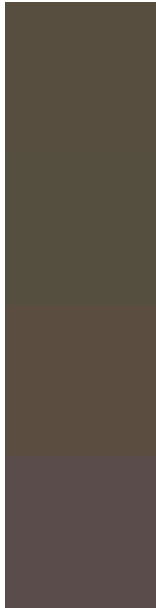
Protanopia
544F40

Deuteranopia
5D4C3F



Tritanopia
5A4B51

Trichromacy



Original Color
584E3F

Protanomaly
554F40

Deuteranomaly
5B4D3F

Tritanomaly
594C4A

Monochromacy



Original Color
584E3F

Achromatopsia
4F4F4F

Achromatomaly
524F49

CSS Examples

Text

The CSS property to change the color of the text to Hex 584E3F 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 #584E3F looks like.

```
.text, #text, p{  
    color:#584E3F  
}
```

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 #584E3F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #584E3F
}
```

Border

The CSS property to change the border of an element to Hex 584E3F is called "border". The border property can be set on classes, ids or directly on the HTML element.

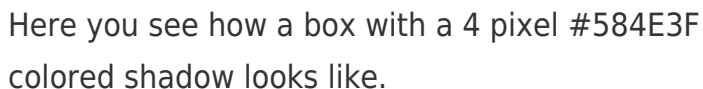
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#584E3F }
```

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

```
.border{ border-color:#584E3F }
```

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



Here you see how a box with a 4 pixel #584E3F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #584E3F; -webkit-box-shadow:4px 4px  
4px 4px #584E3F; box-shadow:4px 4px 4px  
4px #584E3F }
```

Background

The CSS property to change the background color of an element to Hex 584E3F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#584E3F }
```

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

```
.background{ background-color:#584E3F }
```

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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