

Converting Colors

Hex(583B54)

Have a look what the booklet for
Hex(583B54) contains.

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Color

Hex(583B54)

Conversions

Conversions Part 1

Format	Color
Hex	583B54
RGB	88, 59, 84
RGB Percent	35%, 23%, 33%
CMY	0.6549, 0.7686, 0.6706
CMYK	0.00, 0.33, 0.05, 0.65
HSL	308°, 20%, 29%
HSV	308°, 33%, 35%
XYZ	7.1887, 5.8427, 9.1364
YIQ	70.5210, 9.2590, 13.9230

Conversions

Conversions Part 2

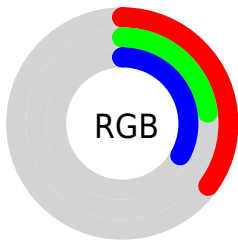
Format	Color
RYB	88, 59, 84
Decimal	5782356
CIELab	29.01, 17.43, -9.95
CIElCh	29, 20.073, 330.278
Yxy	5.8427, 0.3243, 0.2636
Android (android.graphics.Color)	4283972436 (0xFF583B54)
YUV	70.5210, 6.6451, 15.3291
Hunter-Lab	24.1717, 10.7855, -5.4901

Details


The Hex color **583B54** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **3B583F**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8A6B86**, and **2A1027** is the 20% darker color. If you saturate the color by 10%, you get **583253**, and if you desaturate by 10%, it is **584455**.

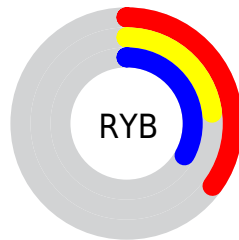
Distribution



 Red (35%)

 Green (23%)

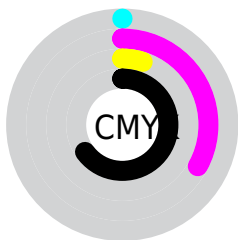
 Blue (33%)




 Red (35%)

 Yellow (23%)

 Blue (33%)

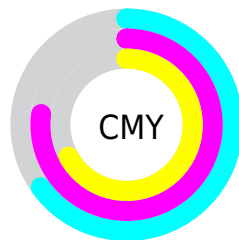


 Cyan (0%)

 Magenta (33%)

 Yellow (5%)

 Black (65%)



 Cyan (65%)

 Magenta (77%)

 Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583B54 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 583B54 by changing the saturation by 10% instead.

■ 583B54

■ 583B54

FFFFFF

■ 40253D

■ 8A6B86

■ 2A1027

■ A584A0

■ 150012

■ C09EBB

■ 000000

■ DCB9D6

■ F9D5F3

■ FFF1FF

■ 583B54

■ 583B54

■ 583253

■ 584455

■ 582952

■ 584D56

■ 582150

■ 585558

■ 58184F

■ 585E59

■ 580F4E

■ 58675A

■ 58064D

■ 58705B

■ 58004C

■ 58795C

■ 58815E

■ 588A5F

Harmonies

Analogous

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



46405F



583B54



613845

Triad

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



583B54



4E4325



014C53

Complementary

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



583B54



3B583F

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.



164D44



583B54



3E4829

Square

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



583B54



5B3E2A



2C4B34



114A5F

Rectangle

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



583B54



63393A



2C4B34



054D4F

Sweetspot

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



583B54



736771



3F3B58



3B343A



BABABA



3B3B3B

Same Dimension

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



583B54



73456C



583B46



2B272B



6B005C



EB00CA

Inverse Universe

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



583B54



73456C



3B584D



2B272B



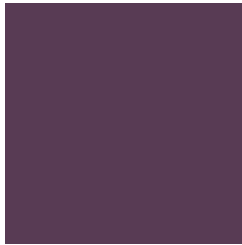
6B005C



EB00CA

Previews

White Background



This preview shows how the Hex color 583B54 looks on a white background.

Color Contrast Check

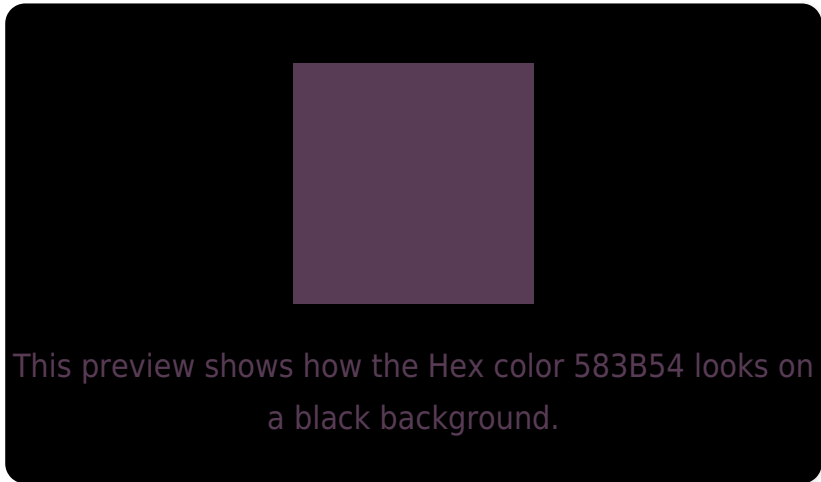
Large Text (above 18pt) WCAG AA ✓ Pass

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

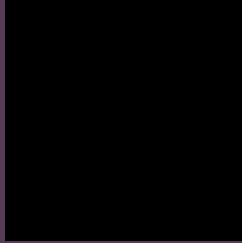
Any Text WCAG AA × Fail

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 583B54 Background



This preview shows how black text looks on a background with the Hex color 583B54.

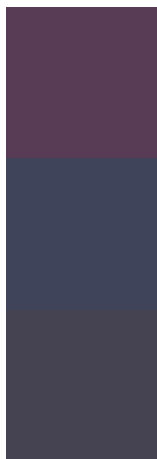


This preview shows how white text looks on a background with the Hex color 583B54.

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](#).

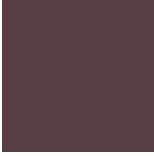
Dichromacy



Original Color
583B54

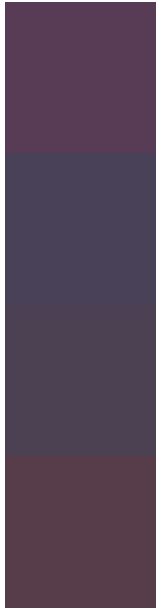
Protanopia
3F445A

Deuteranopia
454352



Tritanopia
563E43

Trichromacy



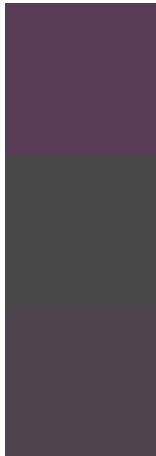
Original Color
583B54

Protanomaly
484158

Deuteranomaly
4C4053

Tritanomaly
573D49

Monochromacy



Original Color
583B54

Achromatopsia
474747

Achromatomaly
4D434C

CSS Examples

Text

The CSS property to change the color of the text to Hex 583B54 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 #583B54 looks like.

```
.text, #text, p{  
    color:#583B54  
}
```

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 #583B54 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583B54
}
```

Border

The CSS property to change the border of an element to Hex 583B54 is called "border". The border property can be set on classes, ids or directly on the HTML element.

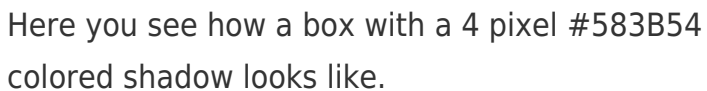
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583B54 }
```

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

```
.border{ border-color:#583B54 }
```

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



Here you see how a box with a 4 pixel #583B54 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583B54; -webkit-box-shadow:4px 4px  
4px 4px #583B54; box-shadow:4px 4px 4px  
4px #583B54 }
```

Background

The CSS property to change the background color of an element to Hex 583B54 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583B54 }
```

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

```
.background{ background-color:#583B54 }
```

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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