

Converting Colors

Hex(583D42)

Have a look what the booklet for
Hex(583D42) contains.

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Color

Hex(583D42)

Conversions

Conversions Part 1

Format	Color
Hex	583D42
RGB	88, 61, 66
RGB Percent	35%, 24%, 26%
CMY	0.6549, 0.7608, 0.7412
CMYK	0.00, 0.31, 0.25, 0.65
HSL	349°, 18%, 29%
HSV	349°, 31%, 35%
XYZ	6.6766, 5.8055, 5.9229
YIQ	69.6430, 14.4870, 7.2790

Conversions

Conversions Part 2

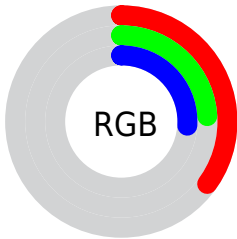
Format	Color
RYB	88, 61, 66
Decimal	5782850
CIELab	28.92, 12.70, 1.66
CIELCh	29, 12.808, 7.456
Yxy	5.8055, 0.3628, 0.3154
Android (android.graphics.Color)	4283972930 (0xFF583D42)
YUV	69.6430, -1.7960, 16.0991
Hunter-Lab	24.0947, 7.2965, 2.2917

Details

The Hex color **583D42** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **3D5853**, and the grayscale version is **464646**.

A 20% lighter version of the original color is **8B6D72**, and **2A1217** is the 20% darker color. If you saturate the color by 10%, you get **58343B**, and if you desaturate by 10%, it is **584649**.

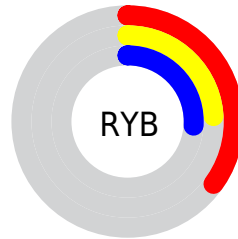
Distribution



Red (35%)

Green (24%)

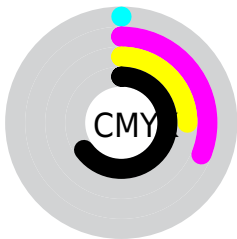
Blue (26%)



Red (35%)

Yellow (24%)

Blue (26%)

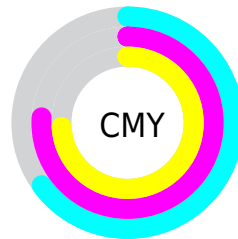


Cyan (0%)

Magenta (31%)

Yellow (25%)

Black (65%)



Cyan (65%)

Magenta (76%)

Yellow (74%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583D42 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 583D42 by changing the saturation by 10% instead.

■ 583D42

■ 583D42

FFFFFF

■ 40272C

■ 8B6D72

■ 2A1217

■ A5868B

■ 130000

■ C0A0A6

■ 000000

■ DCBBC1

■ F9D7DD

■ FFF4F9

■ 583D42

■ 583D42

■ 58343B

■ 584649

■ 582B34

■ 584F50

■ 58232C

■ 585758

■ 581A25

■ 58605F

■ 58111E

■ 586966

■ 580817

■ 58726D

■ 580010

■ 587B74

■ 58837B

■ 588C83

Harmonies

Analogous

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



533E4C



583D42



573E39

Triad

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



583D42



3E4734



2F4756

Complementary

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



583D42



3D5853

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.



284950



583D42



33493C

Square

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



583D42



494431



2A4A46



3C4458

Rectangle

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



583D42



544034



2A4A46



2B4855

Sweetspot

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



583D42



73686A



533D58



3B3435



BABABA



3B3B3B

Same Dimension

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



583D42



734850



58453D



2B2728



6B0014



EB002B

Inverse Universe

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



583D42



734850



3D5058



2B2728



6B0014



EB002B

Previews

White Background



This preview shows how the Hex color 583D42 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

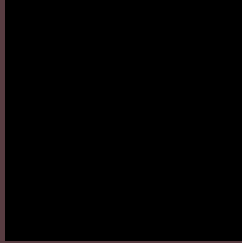
Any Text WCAG AA × Fail

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 583D42 Background



This preview shows how black text looks on a background with the Hex color 583D42.

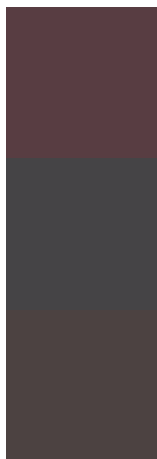


This preview shows how white text looks on a background with the Hex color 583D42.

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
583D42

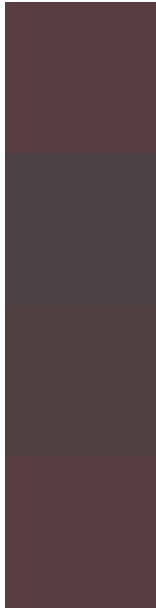
Protanopia
454446

Deuteranopia
4C4241



Tritanopia
583D42

Trichromacy



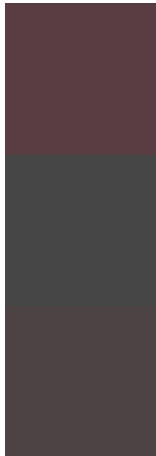
Original Color
583D42

Protanomaly
4C4145

Deuteranomaly
504041

Tritanomaly
583D42

Monochromacy



Original Color
583D42

Achromatopsia
464646

Achromatomaly
4D4345

CSS Examples

Text

The CSS property to change the color of the text to Hex 583D42 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 #583D42 looks like.

```
.text, #text, p{  
    color:#583D42  
}
```

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 #583D42 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583D42
}
```

Border

The CSS property to change the border of an element to Hex 583D42 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".

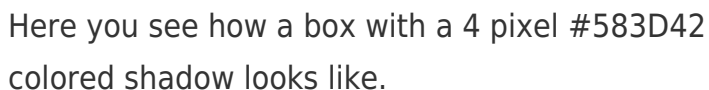
```
.border, #border, table{ border:4px solid
#583D42 }
```

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

```
.border{ border-color:#583D42 }
```

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

Here you see how a box with a 4 pixel #583D42 colored shadow looks like.

A rectangular box with a dark blue border and a dark blue shadow. The box is white with a thin dark blue border. Below the box, there is a thick dark blue shadow that extends to the right and down, creating a 3D effect.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583D42; -webkit-box-shadow:4px 4px  
4px 4px #583D42; box-shadow:4px 4px 4px  
4px #583D42 }
```

Background

The CSS property to change the background color of an element to Hex 583D42 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583D42 }
```

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

```
.background{ background-color:#583D42 }
```

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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