

Converting Colors

Hex(583F64)

Have a look what the booklet for
Hex(583F64) contains.

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Color

Hex(583F64)

Conversions

Conversions Part 1

Format	Color
Hex	583F64
RGB	88, 63, 100
RGB Percent	35%, 25%, 39%
CMY	0.6549, 0.7529, 0.6078
CMYK	0.12, 0.37, 0.00, 0.61
HSL	281°, 23%, 32%
HSV	281°, 37%, 39%
XYZ	8.1023, 6.5498, 12.8938
YIQ	74.6930, 3.0230, 16.8070

Conversions

Conversions Part 2

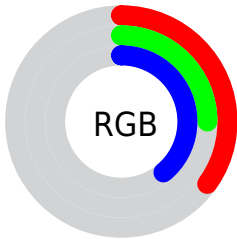
Format	Color
R_{YB}	88, 63, 100
Decimal	5783396
CIE _{Lab}	30.76, 18.50, -17.59
CIE _{LCh}	31, 25.533, 316.444
Yxy	6.5498, 0.2941, 0.2378
Android (android.graphics.Color)	4283973476 (0xFF583F64)
YUV	74.6930, 12.4764, 11.6702
Hunter-Lab	25.5926, 11.7235, -11.9560

Details

The Hex color **583F64** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **4B643F**, and the grayscale version is **4B4B4B**.

A 20% lighter version of the original color is **8B6F97**, and **291435** is the 20% darker color. If you saturate the color by 10%, you get **553564**, and if you desaturate by 10%, it is **5B4964**.

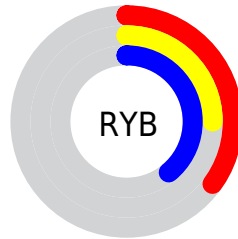
Distribution



Red (35%)

Green (25%)

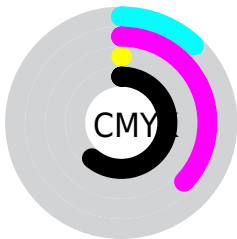
Blue (39%)



Red (35%)

Yellow (25%)

Blue (39%)

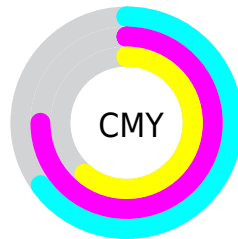


Cyan (12%)

Magenta (37%)

Yellow (0%)

Black (61%)



Cyan (65%)

Magenta (75%)

Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583F64 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 583F64 by changing the saturation by 10% instead.

■ 583F64

■ 583F64

FFFFFF

■ 40294C

■ 8B6F97

■ 291435

■ A589B2

■ 180020

■ C0A3CD

■ 000004

■ DCBEEA

■ 000000

■ F9DAFF

■ FFF6FF

■ 583F64

■ 583F64

■ 553564

■ 5B4964

■ 522B64

■ 5E5364

■ 4E2164

■ 625D64

■ 4B1764

■ 656764

■ 480D64

■ 687164

■ 450364

■ 6B7B64

■ 440064

■ 6F8564

■ 728F64

■ 759964

Harmonies

Analogous

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



3C476F



583F64



693952

Triad

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



583F64



5C4421



005353

Complementary

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



583F64



4B643F

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.



14523E



583F64



4A4B21

Square

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



583F64



693D2C



334F2C



005165

Rectangle

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



583F64



6E3845



334F2C



00534C

Sweetspot

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



583F64



7D7482



3F4B64



403A42



C2C2C2



424242

Same Dimension

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



583F64



6F4982



643F5E



312E33



4E0073



A400F2

Inverse Universe

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



643F4B



82495B



3F6445



332E30



730025



F2004F

Previews

White Background



This preview shows how the Hex color 583F64 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

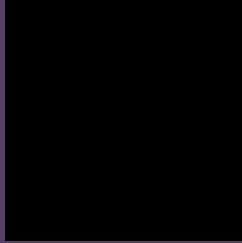
Any Text WCAG AA × Fail

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 583F64 Background



This preview shows how black text looks on a background with the Hex color 583F64.



This preview shows how white text looks on a background with the Hex color 583F64.

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
583F64

Protanopia
3D476B

Deuteranopia
414862



Tritanopia
54444A

Trichromacy



Original Color
583F64

Protanomaly
474468

Deuteranomaly
494563

Tritanomaly
554253

Monochromacy



Original Color
583F64

Achromatopsia
4B4B4B

Achromatomaly
504754

CSS Examples

Text

The CSS property to change the color of the text to Hex 583F64 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 #583F64 looks like.

```
.text, #text, p{  
    color:#583F64  
}
```

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 #583F64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583F64
}
```

Border

The CSS property to change the border of an element to Hex 583F64 is called "border". The border property can be set on classes, ids or directly on the HTML element.

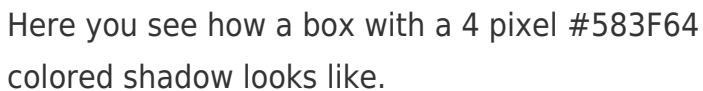
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#583F64 }
```

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

```
.border{ border-color:#583F64 }
```

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



Here you see how a box with a 4 pixel #583F64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583F64; -webkit-box-shadow:4px 4px  
4px 4px #583F64; box-shadow:4px 4px 4px  
4px #583F64 }
```

Background

The CSS property to change the background color of an element to Hex 583F64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583F64 }
```

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

```
.background{ background-color:#583F64 }
```

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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