

Converting Colors

Hex(583D60)

Have a look what the booklet for
Hex(583D60) contains.

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Color

Hex(583D60)

Conversions

Conversions Part 1

Format	Color
Hex	583D60
RGB	88, 61, 96
RGB Percent	35%, 24%, 38%
CMY	0.6549, 0.7608, 0.6235
CMYK	0.08, 0.36, 0.00, 0.62
HSL	286°, 22%, 31%
HSV	286°, 36%, 38%
XYZ	7.8046, 6.2567, 11.8627
YIQ	73.0630, 4.8570, 16.6090

Conversions

Conversions Part 2

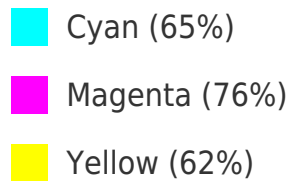
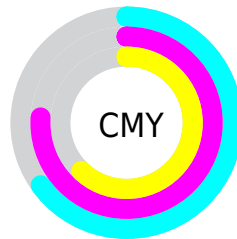
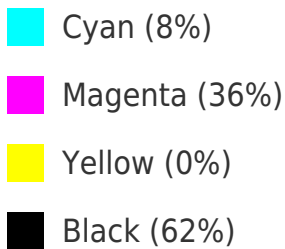
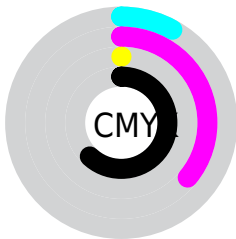
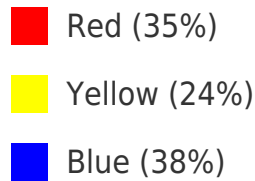
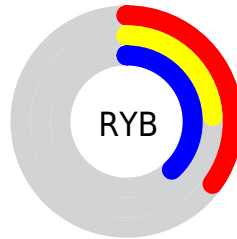
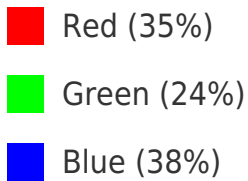
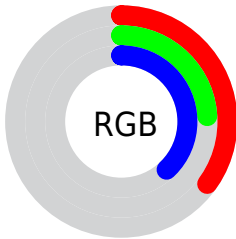
Format	Color
RYB	88, 61, 96
Decimal	5782880
CIELab	30.05, 18.83, -16.12
CIELCh	30, 24.788, 319.423
Yxy	6.2567, 0.3011, 0.2413
Android (android.graphics.Color)	4283972960 (0xFF583D60)
YUV	73.0630, 11.3079, 13.0997
Hunter-Lab	25.0134, 11.9211, -10.6089

Details

The Hex color **583D60** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **45603D**, and the grayscale version is **494949**.

A 20% lighter version of the original color is **8B6D93**, and **2A1232** is the 20% darker color. If you saturate the color by 10%, you get **563360**, and if you desaturate by 10%, it is **5A4760**.

Distribution



Brightness & Saturation Gradients

These gradients show how the Hex color 583D60 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 583D60 by changing the saturation by 10% instead.

 583D60

FFFFFF

 8B6D93

 A586AD

 C0A1C9

 DCBCE5

 F9D8FF

 FFF4FF

 583D60

 402748

 2A1232

 18001D

 000000

 583D60


 563360

 583D60

 5A4760


 542A60

 5C5060

 512060

 5F5A60

 4F1760

 616360

 4D0D60

 636D60

 4B0360

 657760

 4A0060

 678060

 6A8A60

 6C9360

Harmonies

Analogous

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



3E446B



583D60



67384E

Triad

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



583D60



594320



005153

Complementary

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



583D60



45603D

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.



11503F



583D60



464A21

Square

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



583D60



663C2A



304E2D



004F64

Rectangle

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



583D60



6B3741



304E2D



00514C

Sweetspot

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



583D60



7A6F7D



3D4560



3E3740



BFBFBF



404040

Same Dimension

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



583D60



70467D



603D57



2F2C30



570070



B900F0

Inverse Universe

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



603D45



7D4653



3D6046



302C2D



70001A



F00037

Previews

White Background



This preview shows how the Hex color 583D60 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



This preview shows how the Hex color 583D60 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

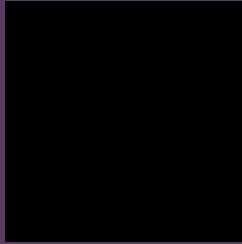
Any Text WCAG AA × Fail

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 583D60 Background



This preview shows how black text looks on a background with the Hex color 583D60.



This preview shows how white text looks on a background with the Hex color 583D60.

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](#).

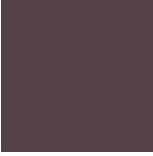
Dichromacy



Original Color
583D60





Protanopia
3C4667

Deuteranopia
41465E






Tritanopia
544247

Trichromacy

	Original Color 583D60
	Protanomaly 464364
	Deuteranomaly 49435F
	Tritanomaly 554050

Monochromacy

	Original Color 583D60
	Achromatopsia 494949
	Achromatomaly 4E4551

CSS Examples

Text

The CSS property to change the color of the text to Hex 583D60 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 #583D60 looks like.

```
.text, #text, p{  
    color:#583D60  
}
```

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 #583D60 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583D60
}
```

Border

The CSS property to change the border of an element to Hex 583D60 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
#583D60 }
```

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

```
.border{ border-color:#583D60 }
```

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

Here you see how a box with a 4 pixel #583D60 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583D60; -webkit-box-shadow:4px 4px  
4px 4px #583D60; box-shadow:4px 4px 4px  
4px #583D60 }
```

Background

The CSS property to change the background color of an element to Hex 583D60 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583D60 }
```

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

```
.background{ background-color:#583D60 }
```

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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