

Converting Colors

Hex(583658)

Have a look what the booklet for
Hex(583658) contains.

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Color

Hex(583658)

Conversions

Conversions Part 1

Format	Color
Hex	583658
RGB	88, 54, 88
RGB Percent	35%, 21%, 35%
CMY	0.6549, 0.7882, 0.6549
CMYK	0.00, 0.39, 0.00, 0.65
HSL	300°, 24%, 28%
HSV	300°, 39%, 35%
XYZ	7.1051, 5.4176, 9.9037
YIQ	68.0420, 9.3500, 17.7820

Conversions

Conversions Part 2

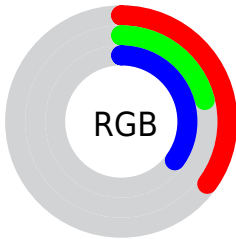
Format	Color
RYB	88, 54, 88
Decimal	5781080
CIELab	27.89, 21.43, -14.27
CIELCh	28, 25.748, 326.350
Yxy	5.4176, 0.3168, 0.2416
Android (android.graphics.Color)	4283971160 (0xFF583658)
YUV	68.0420, 9.8393, 17.5032
Hunter-Lab	23.2758, 13.7559, -8.9346

Details

The Hex color **583658** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **365836**, and the grayscale version is **444444**.

A 20% lighter version of the original color is **8B668A**, and **290A2A** is the 20% darker color. If you saturate the color by 10%, you get **582D58**, and if you desaturate by 10%, it is **583F58**.

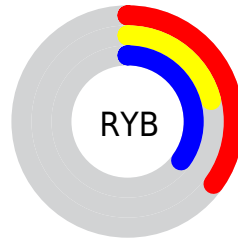
Distribution



Red (35%)

Green (21%)

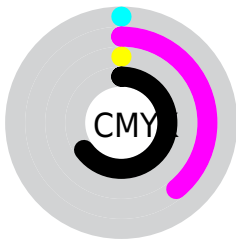
Blue (35%)



Red (35%)

Yellow (21%)

Blue (35%)

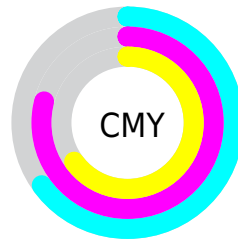


Cyan (0%)

Magenta (39%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (79%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583658 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 583658 by changing the saturation by 10% instead.

■ 583658

■ 583658

FFFFFF

■ 402041

■ 8B668A

■ 290A2A

■ A57FA4

■ 120016

■ C199BF

■ 000000

■ DDB4DB

■ F9CFF8

■ FFECFF

■ 583658

■ 583658

■ 582D58

■ 583F58

■ 582458

■ 584858

■ 581C58

■ 585058

■ 581358

■ 585958

■ 580A58

■ 586258

■ 580158

■ 586B58

■ 580058

■ 587458

■ 587C58

■ 588558

Harmonies

Analogous

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



3F3E65



583658



653145

Triad

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



583658



504019



004C53

Complementary

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



583658



365836

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.



004C3F



583658



3C461D

Square

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



583658



5F3921



244A2B



004962

Rectangle

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



583658



673238



244A2B



004C4C

Sweetspot

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



583658



736573



363658



3B323B



BABABA



3B3B3B

Same Dimension

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



583658



733E73



583647



2B272B



6B006B



EB00EB

Inverse Universe

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



583658



733E73



365847



2B272B



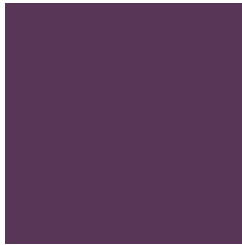
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 583658 looks on a white background.

Color Contrast Check

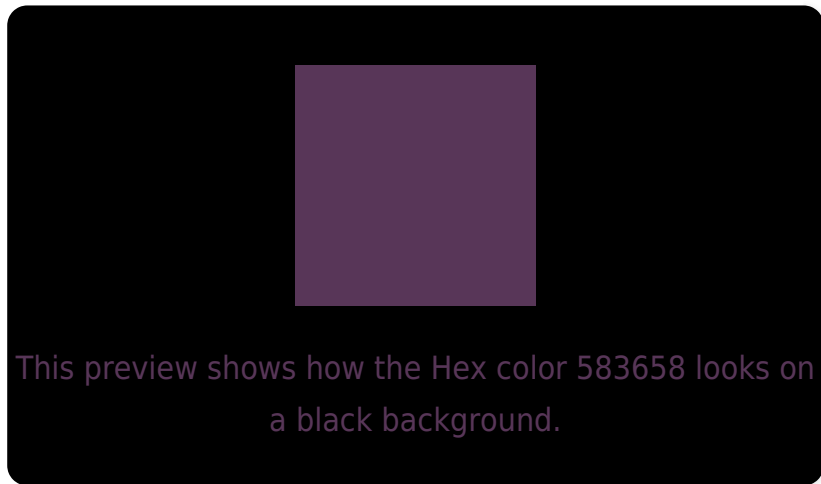
Large Text (above 18pt) WCAG AA ✓ Pass

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

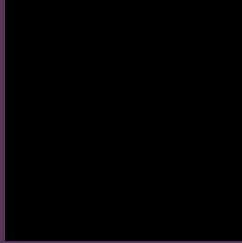
Any Text WCAG AA × Fail

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 583658 Background



This preview shows how black text looks on a background with the Hex color 583658.



This preview shows how white text looks on a background with the Hex color 583658.

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
583658

Protanopia
384161

Deuteranopia
3E4156



Tritanopia
553B40

Trichromacy



Original Color
583658

Protanomaly
443D5E

Deuteranomaly
473D57

Tritanomaly
563949

Monochromacy



Original Color
583658

Achromatopsia
444444

Achromatomaly
4B3F4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 583658 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 #583658 looks like.

```
.text, #text, p{  
    color:#583658  
}
```

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 #583658 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583658
}
```

Border

The CSS property to change the border of an element to Hex 583658 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".

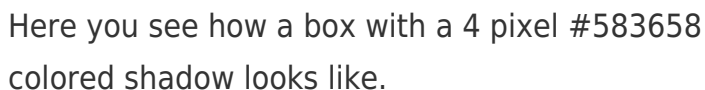
```
.border, #border, table{ border:4px solid
#583658 }
```

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

```
.border{ border-color:#583658 }
```

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

Here you see how a box with a 4 pixel #583658 colored shadow looks like.

A rectangular box with a dark purple border and a dark purple shadow. The box is white with a thin dark purple border. Below the box, there is a thick dark purple horizontal bar. The shadow is a dark purple rectangular area that is slightly offset from the bottom and right edges of the box.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583658; -webkit-box-shadow:4px 4px  
4px 4px #583658; box-shadow:4px 4px 4px  
4px #583658 }
```

Background

The CSS property to change the background color of an element to Hex 583658 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583658 }
```

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

```
.background{ background-color:#583658 }
```

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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