

Converting Colors

Hex(583458)

Have a look what the booklet for
Hex(583458) contains.

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Color

Hex(583458)

Conversions

Conversions Part 1

Format	Color
Hex	583458
RGB	88, 52, 88
RGB Percent	35%, 20%, 35%
CMY	0.6549, 0.7961, 0.6549
CMYK	0.00, 0.41, 0.00, 0.65
HSL	300°, 26%, 27%
HSV	300°, 41%, 35%
XYZ	7.0139, 5.2353, 9.8734
YIQ	66.8680, 9.9000, 18.8280

Conversions

Conversions Part 2

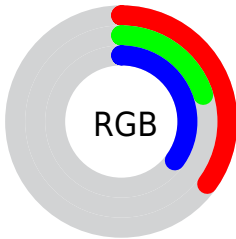
Format	Color
RYB	88, 52, 88
Decimal	5780568
CIELab	27.39, 22.68, -15.03
CIELCh	27, 27.207, 326.455
Yxy	5.2353, 0.3170, 0.2366
Android (android.graphics.Color)	4283970648 (0xFF583458)
YUV	66.8680, 10.4181, 18.5328
Hunter-Lab	22.8807, 14.6769, -9.5680

Details

The Hex color **583458** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **345834**, and the grayscale version is **434343**.

A 20% lighter version of the original color is **8B648A**, and **29082A** is the 20% darker color. If you saturate the color by 10%, you get **582B58**, and if you desaturate by 10%, it is **583D58**.

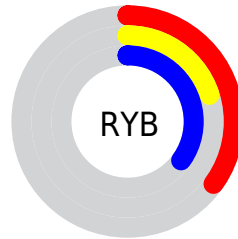
Distribution



Red (35%)

Green (20%)

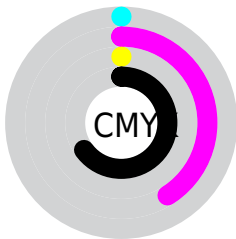
Blue (35%)



Red (35%)

Yellow (20%)

Blue (35%)

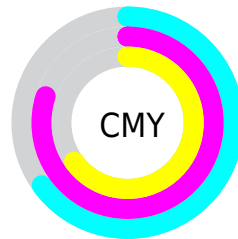


Cyan (0%)

Magenta (41%)

Yellow (0%)

Black (65%)



Cyan (65%)

Magenta (80%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 583458 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 583458 by changing the saturation by 10% instead.

■ 583458

■ 583458

FFFFFF

■ 401E41

■ 8B648A

■ 29082A

■ A57DA4

■ 100016

■ C197C0

■ 000000

■ DDB2DB

■ FACDF8

■ FFEAFF

■ 583458

■ 583458

■ 582B58

■ 583D58

■ 582258

■ 584658

■ 581A58

■ 584E58

■ 581158

■ 585758

■ 580858

■ 586058

■ 580058

■ 586958

■ 587258

■ 587A58

■ 588358

Harmonies

Analogous

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



3E3C66



583458



652F44

Triad

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



583458



4F3F15



004B53

Complementary

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



583458



345834

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.



004B3D



583458



3A451A

Square

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



583458



5F371E



204929



004963

Rectangle

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



583458



682F36



204929



004B4C

Sweetspot

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



583458



736573



343458



3B323B



BABABA



3B3B3B

Same Dimension

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



583458



733B73



583446



2B272B



6B006B



EB00EB

Inverse Universe

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



583458



733B73



345846



2B272B



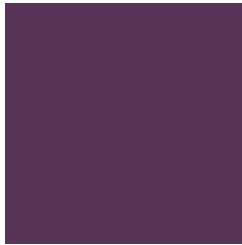
6B006B



EB00EB

Previews

White Background



This preview shows how the Hex color 583458 looks on a white background.

Color Contrast Check

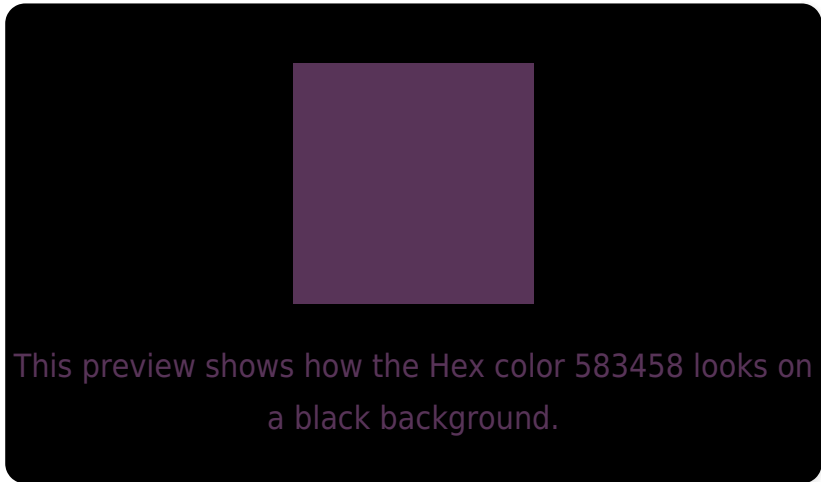
Large Text (above 18pt) WCAG AA ✓ Pass

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

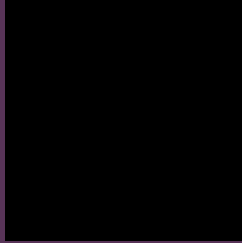
Any Text WCAG AA × Fail

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 583458 Background



This preview shows how black text looks on a background with the Hex color 583458.



This preview shows how white text looks on a background with the Hex color 583458.

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
583458

Protanopia
364062

Deuteranopia
3C4056



Tritanopia
553A3E

Trichromacy



Original Color
583458

Protanomaly
423C5E

Deuteranomaly
463C57

Tritanomaly
563847

Monochromacy



Original Color
583458

Achromatopsia
434343

Achromatomaly
4B3E4B

CSS Examples

Text

The CSS property to change the color of the text to Hex 583458 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 #583458 looks like.

```
.text, #text, p{  
    color:#583458  
}
```

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 #583458 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #583458
}
```

Border

The CSS property to change the border of an element to Hex 583458 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
#583458 }
```

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

```
.border{ border-color:#583458 }
```

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

Here you see how a box with a 4 pixel #583458 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #583458; -webkit-box-shadow:4px 4px  
4px 4px #583458; box-shadow:4px 4px 4px  
4px #583458 }
```

Background

The CSS property to change the background color of an element to Hex 583458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#583458 }
```

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

```
.background{ background-color:#583458 }
```

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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