

Converting Colors

Hex(585E58)

Have a look what the booklet for
Hex(585E58) contains.

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Color

Hex(585E58)

Conversions

Conversions Part 1

Format	Color
Hex	585E58
RGB	88, 94, 88
RGB Percent	35%, 37%, 35%
CMY	0.6549, 0.6314, 0.6549
CMYK	0.06, 0.00, 0.06, 0.63
HSL	120°, 3%, 36%
HSV	120°, 6%, 37%
XYZ	9.7887, 10.7847, 10.7983
YIQ	91.5220, -1.6500, -3.1380

Conversions

Conversions Part 2

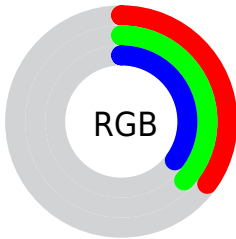
Format	Color
R_YB	88, 94, 94
Decimal	5791320
CIE Lab	39.22, -3.63, 2.62
CIE LCh	39, 4.479, 144.137
Yxy	10.7847, 0.3120, 0.3438
Android (android.graphics.Color)	4283981400 (0xFF585E58)
YUV	91.5220, -1.7363, -3.0888
Hunter-Lab	32.8401, -4.2645, 3.4927

Details

The Hex color **585E58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E585E**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **8A908A**, and **2B302B** is the 20% darker color. If you saturate the color by 10%, you get **4F5E4F**, and if you desaturate by 10%, it is **615E61**.

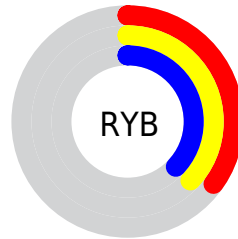
Distribution



Red (35%)

Green (37%)

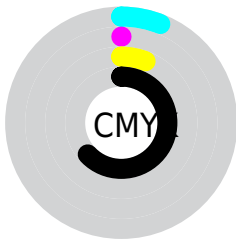
Blue (35%)



Red (35%)

Yellow (37%)

Blue (37%)

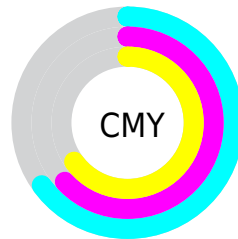


Cyan (6%)

Magenta (0%)

Yellow (6%)

Black (63%)



Cyan (65%)

Magenta (63%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585E58 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 585E58 by changing the saturation by 10% instead.



585E58



585E58

FFFFFF



414641



8A908A



2B302B



A4ABA4



161B16



BFC6BF



000000



DBE2DB



F8FFF8



585E58



585E58



4F5E4F



615E61



455E45



6B5E6B

■ 3C5E3C

■ 745E74

■ 325E32

■ 7E5E7E

■ 295E29

■ 875E87

■ 205E20

■ 905E90

■ 165E16

■ 9A5E9A

■ 0D5E0D

■ A35EA3

■ 035E03

■ AD5EAD

Harmonies

Analogous

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



5C5D56



585E58



555F5B

Triad

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



585E58



585D63



645A5A

Complementary

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



585E58



5E585E

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.



635A5D



585E58



5C5C63

Square

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



585E58



555E62



615B61



635B57

Rectangle

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



585E58



545F5E



615B61



645A5B

Sweetspot

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



585E58



787A78



5E5E58



3C3D3C



BDBDBD



3D3D3D

Same Dimension

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



585E58



717A71



585E5B



292E29



006E00



00ED00

Inverse Universe

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



5E585E



7A717A



5E585B



2E292E



6E006E



ED00ED

Previews

White Background



This preview shows how the Hex color 585E58 looks on a white background.

Color Contrast Check

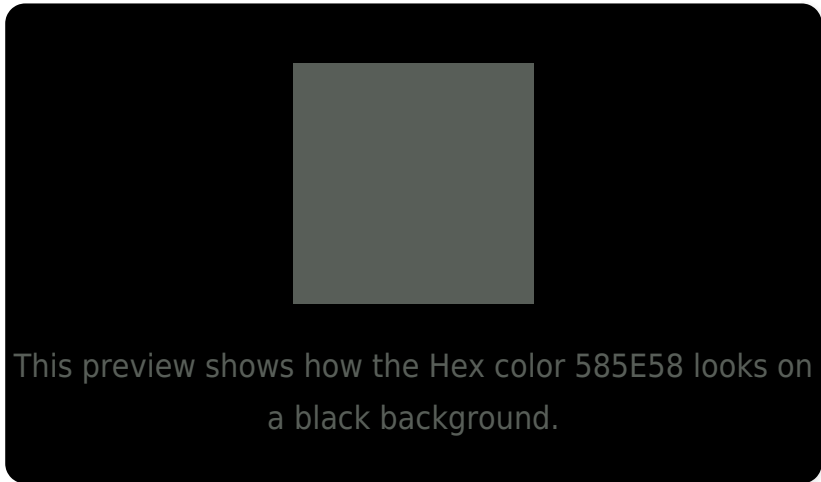
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

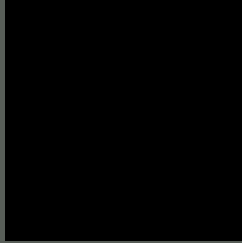
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

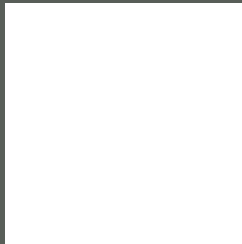
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 585E58 Background



This preview shows how black text looks on a background with the Hex color 585E58.



This preview shows how white text looks on a background with the Hex color 585E58.

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
585E58

Protanopia
5F5C57

Deuteranopia
665959



Tritanopia
5A5C64

Trichromacy



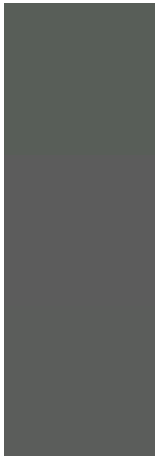
Original Color
585E58

Protanomaly
5C5D57

Deuteranomaly
615B59

Tritanomaly
595D60

Monochromacy



Original Color
585E58

Achromatopsia
5C5C5C

Achromatomaly
5B5D5B

CSS Examples

Text

The CSS property to change the color of the text to Hex 585E58 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 #585E58 looks like.

```
.text, #text, p{  
    color:#585E58  
}
```

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 #585E58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585E58  
}
```

Border

The CSS property to change the border of an element to Hex 585E58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

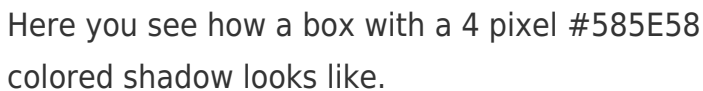
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#585E58 }
```

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

```
.border{ border-color:#585E58 }
```

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



Here you see how a box with a 4 pixel #585E58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585E58; -webkit-box-shadow:4px 4px  
4px 4px #585E58; box-shadow:4px 4px 4px  
4px #585E58 }
```

Background

The CSS property to change the background color of an element to Hex 585E58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585E58 }
```

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

```
.background{ background-color:#585E58 }
```

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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