

Converting Colors

Hex(585B55)

Have a look what the booklet for
Hex(585B55) contains.

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Color

Hex(585B55)

Conversions

Conversions Part 1

Format	Color
Hex	585B55
RGB	88, 91, 85
RGB Percent	35%, 36%, 33%
CMY	0.6549, 0.6431, 0.6667
CMYK	0.03, 0.00, 0.07, 0.64
HSL	90°, 3%, 35%
HSV	90°, 7%, 36%
XYZ	9.4053, 10.2128, 10.0699
YIQ	89.4190, 0.1380, -2.5020

Conversions

Conversions Part 2

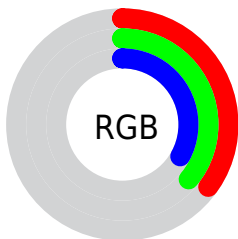
Format	Color
R_{YB}	85, 91, 88
Decimal	5790549
CIE Lab	38.22, -2.45, 3.04
CIE LCh	38, 3.902, 128.820
Yxy	10.2128, 0.3168, 0.3440
Android (android.graphics.Color)	4283980629 (0xFF585B55)
YUV	89.4190, -2.1786, -1.2445
Hunter-Lab	31.9574, -3.3917, 3.6877

Details

The Hex color **585B55** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58555B**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **8A8D87**, and **2B2D28** is the 20% darker color. If you saturate the color by 10%, you get **535B4C**, and if you desaturate by 10%, it is **5D5B5E**.

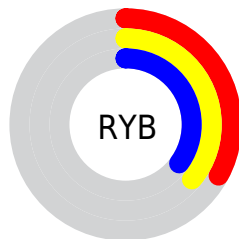
Distribution



Red (35%)

Green (36%)

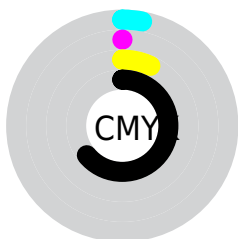
Blue (33%)



Red (33%)

Yellow (36%)

Blue (35%)

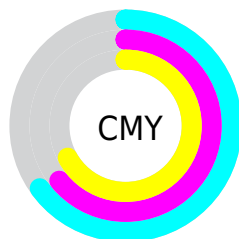


Cyan (3%)

Magenta (0%)

Yellow (7%)

Black (64%)



Cyan (65%)

Magenta (64%)

Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the Hex color 585B55 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 585B55 by changing the saturation by 10% instead.



585B55



585B55

FFFFFF



41443E



8A8D87



2B2D28



A4A7A1



161914



BFC3BC



000000



DBDFD7



F8FBF4



585B55



585B55



535B4C



5D5B5E



4F5B43



615B67

■ 4A5B3A

■ 665B70

■ 465B31

■ 6A5B79

■ 415B27

■ 6F5B83

■ 3D5B1E

■ 735B8C

■ 385B15

■ 785B95

■ 345B0C

■ 7C5B9E

■ 2F5B03

■ 815BA7

Harmonies

Analogous

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



5C5A54



585B55



555C58

Triad

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



585B55



545B60



615859

Complementary

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



585B55



58555B

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.



5F585C



585B55



585A60

Square

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



585B55



535C5E



5C595F



615856

Rectangle

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



585B55



535C5A



5C595F



60585A

Sweetspot

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



585B55



747573



5B5855



3A3B39



BABABA



3B3B3B

Same Dimension

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



585B55



71756C



555B55



2C2E29



376E00



77ED00

Inverse Universe

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



58555B



716C75



5B555B



2C292E



37006E



7700ED

Previews

White Background



This preview shows how the Hex color 585B55 looks on a white background.

Color Contrast Check

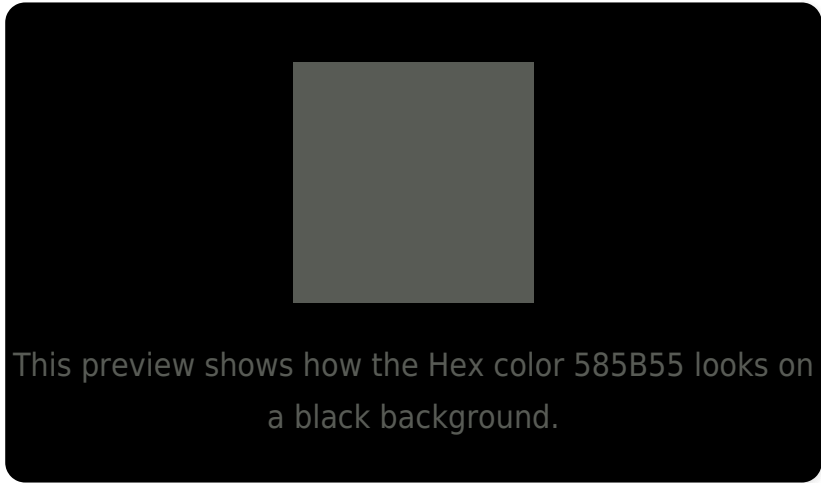
Large Text (above 18pt) WCAG AA ✓ Pass

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

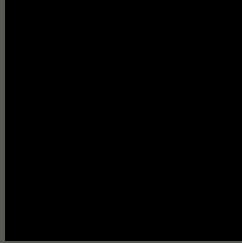
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

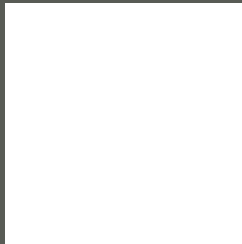
Any Text WCAG AAA × Fail

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

Hex 585B55 Background



This preview shows how black text looks on a background with the Hex color 585B55.



This preview shows how white text looks on a background with the Hex color 585B55.

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
585B55

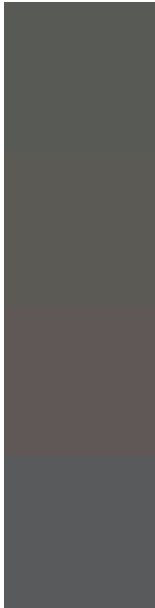
Protanopia
5D5A54

Deuteranopia
645756



Tritanopia
5A5960

Trichromacy



Original Color
585B55

Protanomaly
5B5A54

Deuteranomaly
605856

Tritanomaly
595A5C

Monochromacy



Original Color
585B55

Achromatopsia
595959

Achromatomaly
595A58

CSS Examples

Text

The CSS property to change the color of the text to Hex 585B55 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 #585B55 looks like.

```
.text, #text, p{  
    color:#585B55  
}
```

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 #585B55 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585B55
}
```

Border

The CSS property to change the border of an element to Hex 585B55 is called "border". The border property can be set on classes, ids or directly on the HTML element.

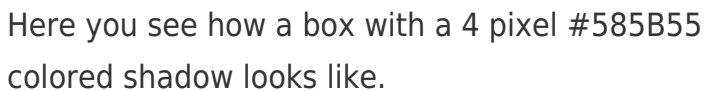
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585B55 }
```

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

```
.border{ border-color:#585B55 }
```

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



Here you see how a box with a 4 pixel #585B55 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585B55; -webkit-box-shadow:4px 4px  
4px 4px #585B55; box-shadow:4px 4px 4px  
4px #585B55 }
```

Background

The CSS property to change the background color of an element to Hex 585B55 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585B55 }
```

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

```
.background{ background-color:#585B55 }
```

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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