

# Converting Colors

Hex(585C5F)

Have a look what the booklet for  
Hex(585C5F) contains.

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# Color

Hex(585C5F)

# Conversions

## Conversions Part 1

Format	Color
Hex	585C5F
RGB	88, 92, 95
RGB Percent	35%, 36%, 37%
CMY	0.6549, 0.6392, 0.6275
CMYK	0.07, 0.03, 0.00, 0.63
HSL	206°, 4%, 36%
HSV	206°, 7%, 37%
XYZ	9.9172, 10.5552, 12.3411
YIQ	91.1460, -3.3470, 0.0850

# Conversions

## Conversions Part 2

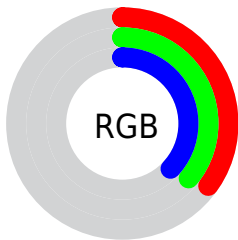
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 91, 95
Decimal	5790815
CIE Lab	38.82, -0.91, -2.27
CIE LCh	39, 2.445, 248.202
Yxy	10.5552, 0.3022, 0.3217
Android (android.graphics.Color)	4283980895 (0xFF585C5F)
YUV	91.1460, 1.9000, -2.7590
Hunter-Lab	32.4888, -2.3683, 0.2204

# Details

The Hex color **585C5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5B58**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8A8E91**, and **2B2E31** is the 20% darker color. If you saturate the color by 10%, you get **4E585F**, and if you desaturate by 10%, it is **62605F**.

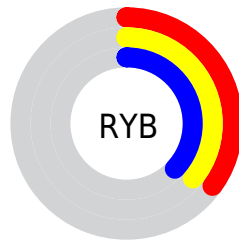
# Distribution



Red (35%)

Green (36%)

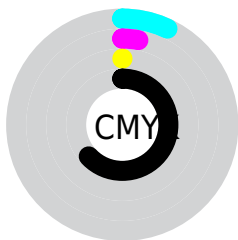
Blue (37%)



Red (35%)

Yellow (36%)

Blue (37%)

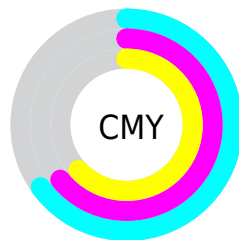


Cyan (7%)

Magenta (3%)

Yellow (0%)

Black (63%)



Cyan (65%)

Magenta (64%)

Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 585C5F 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 585C5F by changing the saturation by 10% instead.



■ 585C5F

■ 585C5F

FFFFFF

■ 414547

■ 8A8E91

■ 2B2E31

■ A4A9AC

■ 161A1C

■ BFC4C7

■ 000001

■ DBE0E3

■ 000000

■ F8FCFF

■ 585C5F

■ 585C5F

■ 4E585F

■ 62605F

■ 45545F

■ 6B645F

■ 3B505F

■ 75685F

■ 324C5F

■ 7E6C5F

■ 29485F

■ 88705F

■ 1F445F

■ 91745F

■ 15405F

■ 9B785F

■ 0C3B5F

■ A47D5F

■ 02375F

■ AE815F

# Harmonies

## Analogous

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



575C5E



585C5F



5A5B5F

# Triad

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



585C5F



605A5B



5A5C58

# Complementary

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



585C5F



5F5B58

# 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.



5D5B57



585C5F



605A59

# Square

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



585C5F



5F5A5D



5F5B58



585C5A

# Rectangle

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



585C5F



5C5B5F



5F5B58



5B5C58



# Sweetspot

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



585C5F



78797A



585F5B



3C3D3D



BDBDBD



3D3D3D



# Same Dimension

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



585C5F



6F767A



58595F



2C2E30



004070



0089F0



# Inverse Universe

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



5F585C



7A6F76



5F5E58



302C2E



700040

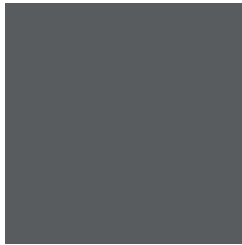


F00089



# Previews

## White Background



This preview shows how the Hex color 585C5F looks on a white background.

## Color Contrast Check

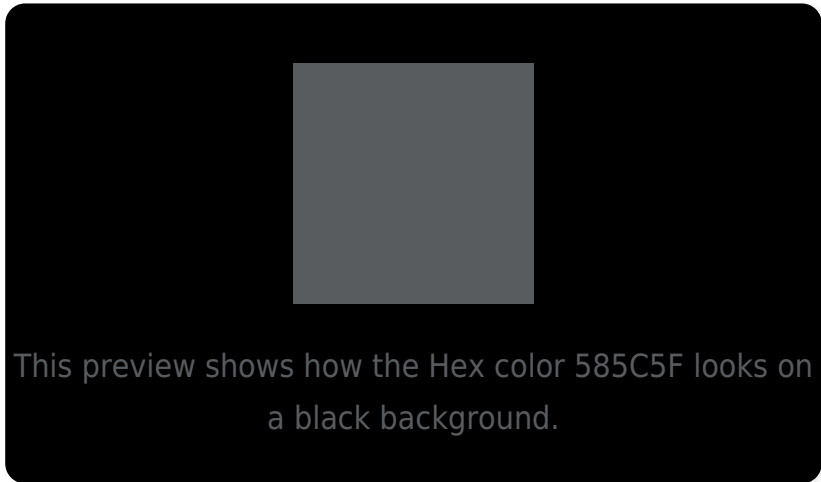
Large Text (above 18pt) WCAG AA ✓ Pass

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

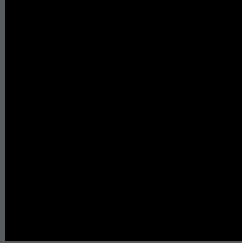
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

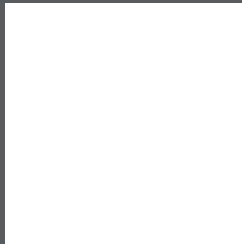
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 585C5F Background



This preview shows how black text looks on a background with the Hex color 585C5F.

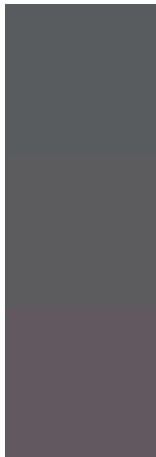


This preview shows how white text looks on a background with the Hex color 585C5F.

# 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**  
585C5F

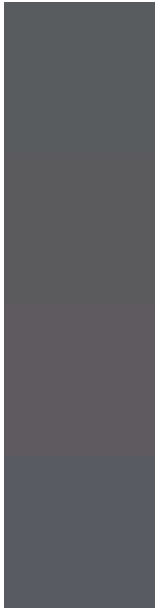
**Protanopia**  
5C5B5E

**Deuteranopia**  
625960



**Tritanopia**  
595B63

# Trichromacy



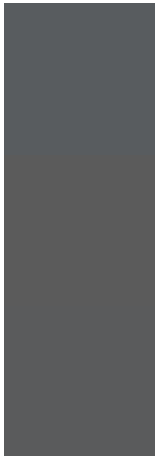
**Original Color**  
585C5F

**Protanomaly**  
5B5B5E

**Deuteranomaly**  
5E5A60

**Tritanomaly**  
595B62

# Monochromacy



**Original Color**  
585C5F

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5A5B5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 585C5F 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 #585C5F looks like.

```
.text, #text, p{  
    color:#585C5F  
}
```

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 #585C5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #585C5F
}
```

## Border

The CSS property to change the border of an element to Hex 585C5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

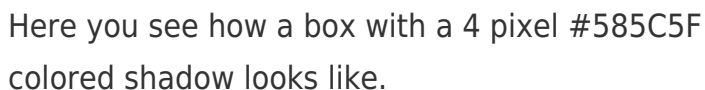
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#585C5F }
```

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

```
.border{ border-color:#585C5F }
```

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



Here you see how a box with a 4 pixel #585C5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #585C5F; -webkit-box-shadow:4px 4px  
4px 4px #585C5F; box-shadow:4px 4px 4px  
4px #585C5F }
```

# Background

The CSS property to change the background color of an element to Hex 585C5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#585C5F }
```

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

```
.background{ background-color:#585C5F }
```

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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