

Converting Colors

Hex(575F5F)

Have a look what the booklet for
Hex(575F5F) contains.

Hex(575F5F)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(575F5F)

Conversions

Conversions Part 1

Format	Color
Hex	575F5F
RGB	87, 95, 95
RGB Percent	34%, 37%, 37%
CMY	0.6588, 0.6275, 0.6275
CMYK	0.08, 0.00, 0.00, 0.63
HSL	180°, 4%, 36%
HSV	180°, 8%, 37%
XYZ	10.0882, 11.0369, 12.4251
YIQ	92.6080, -4.7680, -1.6960

Conversions

Conversions Part 2

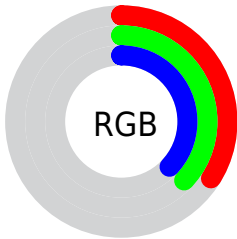
Format	Color
R_{YB}	87, 91, 95
Decimal	5726047
CIE _{Lab}	39.64, -3.10, -1.07
CIE _{LCh}	40, 3.284, 199.075
Yxy	11.0369, 0.3007, 0.3290
Android (android.graphics.Color)	4283916127 (0xFF575F5F)
YUV	92.6080, 1.1793, -4.9182
Hunter-Lab	33.2218, -3.9342, 1.0805

Details

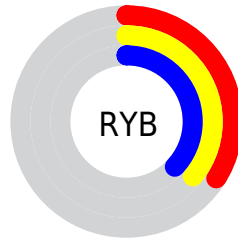
The Hex color **575F5F** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5F5757**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **899191**, and **2A3131** is the 20% darker color. If you saturate the color by 10%, you get **4E5F5F**, and if you desaturate by 10%, it is **615F5F**.

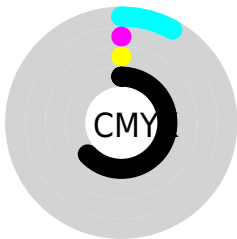
Distribution



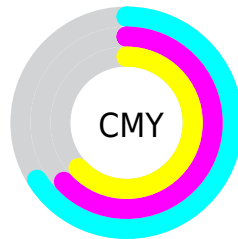
- Red (34%)
- Green (37%)
- Blue (37%)



- Red (34%)
- Yellow (36%)
- Blue (37%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (63%)



- Cyan (66%)
- Magenta (63%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the Hex color 575F5F 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 575F5F by changing the saturation by 10% instead.



575F5F



575F5F

FFFFFF



404747



899191



2A3131



A3ACAC



151C1C



BEC7C7



000001



DAE3E3



000000



F6FFFF



575F5F



575F5F



4E5F5F



615F5F



445F5F



6A5F5F

■ 3B5F5F

■ 745F5F

■ 315F5F

■ 7D5F5F

■ 285F5F

■ 875F5F

■ 1E5F5F

■ 905F5F

■ 155F5F

■ 9A5F5F

■ 0B5F5F

■ A35F5F

■ 025F5F

■ AD5F5F

Harmonies

Analogous

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



585F5C



575F5F



585F61

Triad

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



575F5F



605C61



615D58

Complementary

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



575F5F



5F5757

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.



635C59



575F5F



625C5E

Square

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



575F5F



5D5D62



635C5C



5E5E58

Rectangle

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



575F5F



595E62



635C5C



625D58

Sweetspot

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



575F5F



777A7A



575F57



3B3D3D



BDBDBD



3D3D3D

Same Dimension

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



575F5F



6E7A7A



575B5F



2C3030



007070



00F0F0

Inverse Universe

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



5F575F



7A6E7A



5F5B57



302C30



700070



F000F0

Previews

White Background



This preview shows how the Hex color 575F5F looks on a white background.

Color Contrast Check

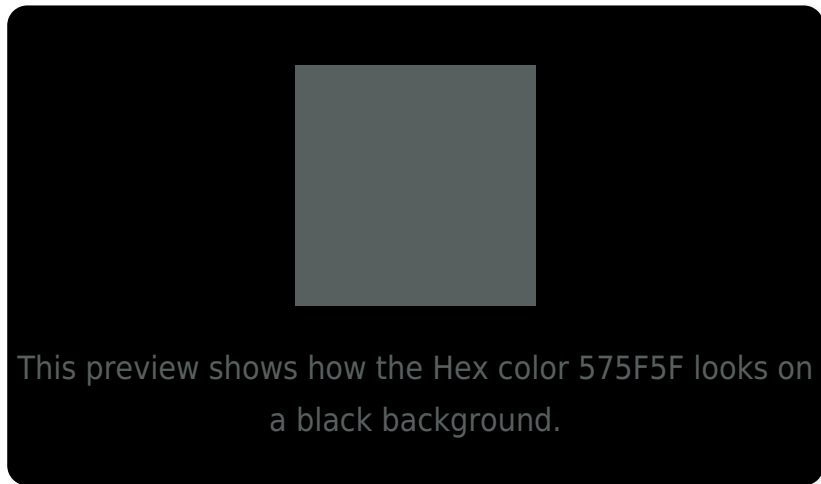
Large Text (above 18pt) WCAG AA ✓ Pass

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

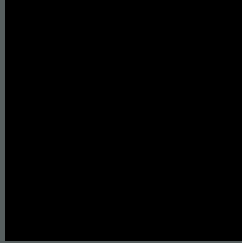
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

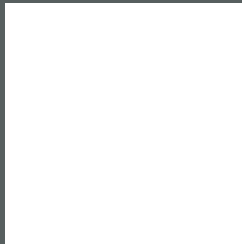
Any Text WCAG AAA × Fail

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

Hex 575F5F Background



This preview shows how black text looks on a background with the Hex color 575F5F.



This preview shows how white text looks on a background with the Hex color 575F5F.

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
575F5F

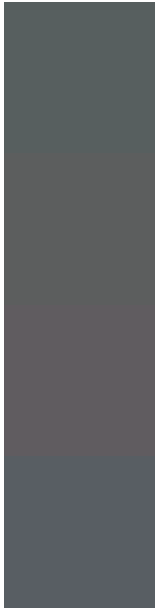
Protanopia
5F5D5E

Deuteranopia
655A60



Tritanopia
585E65

Trichromacy



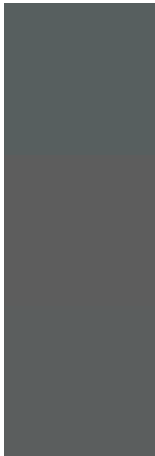
Original Color
575F5F

Protanomaly
5C5E5E

Deuteranomaly
605C60

Tritanomaly
585E63

Monochromacy



Original Color
575F5F

Achromatopsia
5D5D5D

Achromatomaly
5B5E5E

CSS Examples

Text

The CSS property to change the color of the text to Hex 575F5F 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 #575F5F looks like.

```
.text, #text, p{  
    color:#575F5F  
}
```

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 #575F5F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575F5F
}
```

Border

The CSS property to change the border of an element to Hex 575F5F is called "border". The border property can be set on classes, ids or directly on the HTML element.

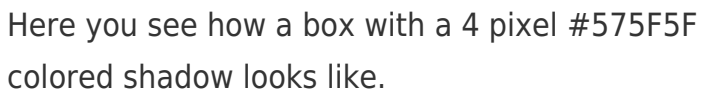
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#575F5F }
```

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

```
.border{ border-color:#575F5F }
```

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



Here you see how a box with a 4 pixel #575F5F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575F5F; -webkit-box-shadow:4px 4px  
4px 4px #575F5F; box-shadow:4px 4px 4px  
4px #575F5F }
```

Background

The CSS property to change the background color of an element to Hex 575F5F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575F5F }
```

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

```
.background{ background-color:#575F5F }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor