

# Converting Colors

Hex(575A58)

Have a look what the booklet for  
Hex(575A58) contains.

<b>Hex(575A58)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(575A58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	575A58
RGB	87, 90, 88
RGB Percent	34%, 35%, 35%
CMY	0.6588, 0.6471, 0.6549
CMYK	0.03, 0.00, 0.02, 0.65
HSL	140°, 2%, 35%
HSV	140°, 3%, 35%
XYZ	9.3481, 10.0431, 10.6783
YIQ	88.8750, -1.1460, -1.2580

# Conversions

## Conversions Part 2

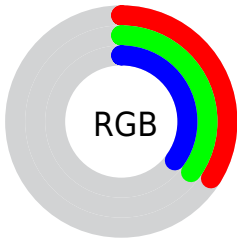
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	87, 89, 90
Decimal	5724760
CIE Lab	37.92, -1.61, 0.73
CIE LCh	38, 1.774, 155.562
Yxy	10.0431, 0.3109, 0.3340
Android (android.graphics.Color)	4283914840 (0xFF575A58)
YUV	88.8750, -0.4314, -1.6444
Hunter-Lab	31.6909, -2.8057, 2.2057

# Details

The Hex color **575A58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5759**, and the grayscale version is **595959**.

A 20% lighter version of the original color is **898C8A**, and **2A2D2B** is the 20% darker color. If you saturate the color by 10%, you get **4E5A52**, and if you desaturate by 10%, it is **605A5E**.

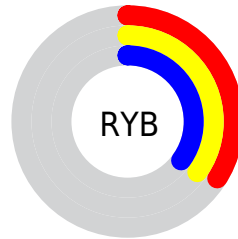
# Distribution



Red (34%)

Green (35%)

Blue (35%)



Red (34%)

Yellow (35%)

Blue (35%)

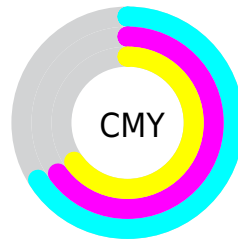


Cyan (3%)

Magenta (0%)

Yellow (2%)

Black (65%)



Cyan (66%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 575A58 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 575A58 by changing the saturation by 10% instead.





575A58



575A58

FFFFFF



404341



898C8A



2A2D2B



A3A6A4



151816



BEC1BF



000000



DADDDB



F6FAF7



575A58



575A58



4E5A52



605A5E



455A4C



695A64

■ 3C5A46

■ 725A6A

■ 335A40

■ 7B5A70

■ 2A5A3A

■ 845A76

■ 215A34

■ 8D5A7C

■ 185A2E

■ 965A82

■ 0F5A28

■ 9F5A88

■ 065A22

■ A85A8E

# Harmonies

## Analogous

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



595A57



575A58



565A59

# Triad

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



575A58



58595C



5C5858

# Complementary

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



575A58



5A5759

# 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.



5C5859



575A58



5A595C

# Square

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



575A58



575A5C



5B585A



5C5957

# Rectangle

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



575A58



565A5A



5B585A



5C5858



# Sweetspot

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



575A58



747575



595A57



3A3B3A



BABABA



3B3B3B



# Same Dimension

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



575A58



717572



575A59



2C2E2C



006E25



00ED4F



# Inverse Universe

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



5A5759



757174



5A5758



2E2C2D



6E0049



ED009E



# Previews

## White Background



This preview shows how the Hex color 575A58 looks on a white background.

## Color Contrast Check

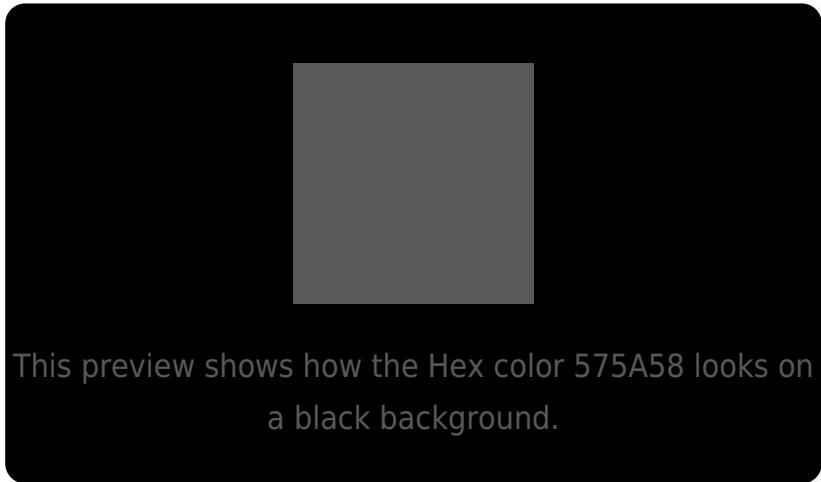
Large Text (above 18pt) WCAG AA ✓ Pass

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

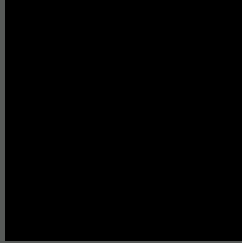
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

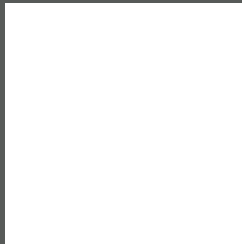
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 575A58 Background



This preview shows how black text looks on a background with the Hex color 575A58.

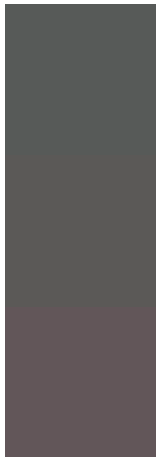


This preview shows how white text looks on a background with the Hex color 575A58.

# 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**  
575A58

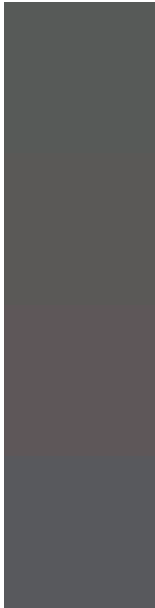
**Protanopia**  
5B5957

**Deuteranopia**  
625659



**Tritanopia**  
585960

# Trichromacy



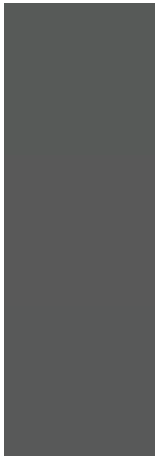
**Original Color**  
575A58

**Protanomaly**  
5A5957

**Deuteranomaly**  
5E5759

**Tritanomaly**  
58595D

# Monochromacy



**Original Color**  
575A58

**Achromatopsia**  
595959

**Achromatomaly**  
585959

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 575A58 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 #575A58 looks like.

```
.text, #text, p{  
    color:#575A58  
}
```

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 #575A58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #575A58
}
```

## Border

The CSS property to change the border of an element to Hex 575A58 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
#575A58 }
```

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

```
.border{ border-color:#575A58 }
```

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

Here you see how a box with a 4 pixel #575A58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #575A58; -webkit-box-shadow:4px 4px  
4px 4px #575A58; box-shadow:4px 4px 4px  
4px #575A58 }
```

# Background

The CSS property to change the background color of an element to Hex 575A58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#575A58 }
```

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

```
.background{ background-color:#575A58 }
```

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