

# Converting Colors

Hex(5F5A5A)

Have a look what the booklet for  
Hex(5F5A5A) contains.

|  |    |
|--|----|
| <b>Hex(5F5A5A)</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(5F5A5A)

# Conversions

## Conversions Part 1

| Format      | Color                     |
|-------------|---------------------------|
| Hex         | 5F5A5A                    |
| RGB         | 95, 90, 90                |
| RGB Percent | 37%, 35%, 35%             |
| CMY         | 0.6275, 0.6471, 0.6471    |
| CMYK        | 0.00, 0.05, 0.05, 0.63    |
| HSL         | 0°, 3%, 36%               |
| HSV         | 0°, 5%, 37%               |
| XYZ         | 10.2209, 10.4834, 11.1577 |
| YIQ         | 91.4950, 2.9800, 1.0600   |

# Conversions

## Conversions Part 2

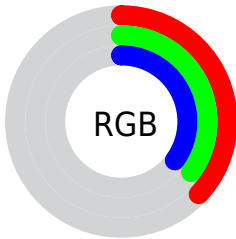
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">95, 90, 90</a>                                   |
| Decimal                             | <a href="#">6249050</a>                                      |
| CIELab                              | <a href="#">38.70, 2.01, 0.71</a>                            |
| CIELCh                              | <a href="#">39, 2.131, 19.551</a>                            |
| Yxy                                 | <a href="#">10.4834, 0.3208, 0.3290</a>                      |
| Android<br>(android.graphics.Color) | <a href="#">4284439130</a><br>( <a href="#">0xFF5F5A5A</a> ) |
| YUV                                 | <a href="#">91.4950, -0.7370, 3.0739</a>                     |
| Hunter-Lab                          | <a href="#">32.3781, -0.3137, 2.2330</a>                     |

# Details

The Hex color **5F5A5A** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5A5F5F**, and the grayscale version is **5C5C5C**.

A 20% lighter version of the original color is **918C8C**, and **312D2D** is the 20% darker color. If you saturate the color by 10%, you get **5F5151**, and if you desaturate by 10%, it is **5F6464**.

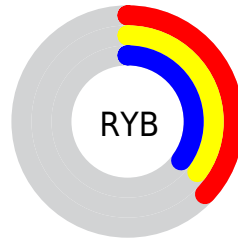
# Distribution



Red (37%)

Green (35%)

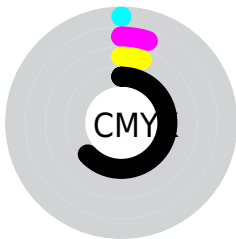
Blue (35%)



Red (37%)

Yellow (35%)

Blue (35%)

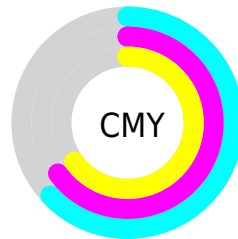


Cyan (0%)

Magenta (5%)

Yellow (5%)

Black (63%)



Cyan (63%)

Magenta (65%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5F5A5A 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 5F5A5A by changing the saturation by 10% instead.





5F5A5A



5F5A5A

FFFFFF



474343



918C8C



312D2D



ACA6A6



1C1818



C7C1C1



000000



E3DDDD



FFFAFA



5F5A5A



5F5A5A



5F5151



5F6464



5F4747



5F6D6D

■ 5F3E3E

■ 5F7777

■ 5F3434

■ 5F8080

■ 5F2B2B

■ 5F8A8A

■ 5F2121

■ 5F9393

■ 5F1818

■ 5F9D9D

■ 5F0E0E

■ 5FA6A6

■ 5F0505

■ 5FB0B0

# Harmonies

## Analogous

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



5E5A5C



5F5A5A



5F5A59

# Triad

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



5F5A5A



595C59



595B5E

# Complementary

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



5F5A5A



5A5F5F

# 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.



575C5E



5F5A5A



585C5A

# Square

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



5F5A5A



5B5B58



575C5C



5B5B5E

# Rectangle

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



5F5A5A



5E5B58



575C5C



585C5E



# Sweetspot

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



5F5A5A



7A7878



5F5A5F



3D3C3C



BDBDBD



3D3D3D



# Same Dimension

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



5F5A5A



7A7373



5F5D5A



302D2D



700000



F00000



# Inverse Universe

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



5A5F5F



737A7A



5A5D5F



2D3030



007070



00F0F0



# Previews

## White Background



This preview shows how the Hex color 5F5A5A looks on a white background.

## Color Contrast Check

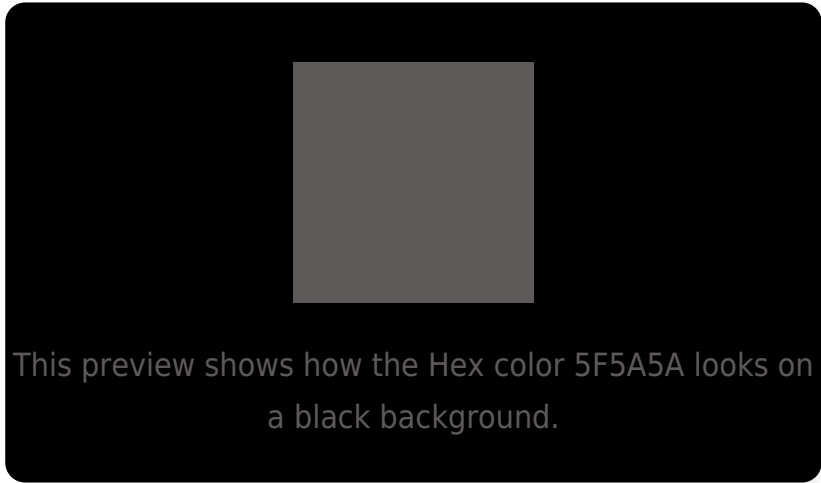
Large Text (above 18pt) WCAG AA ✓ Pass

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

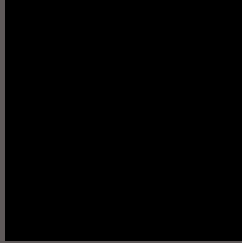
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5F5A5A Background



This preview shows how black text looks on a background with the Hex color 5F5A5A.



This preview shows how white text looks on a background with the Hex color 5F5A5A.

# 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**  
5F5A5A

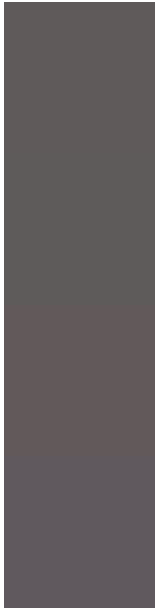
**Protanopia**  
5D5B5A

**Deuteranopia**  
64585A



**Tritanopia**  
605960

# Trichromacy



**Original Color**

5F5A5A

**Protanomaly**

5E5B5A

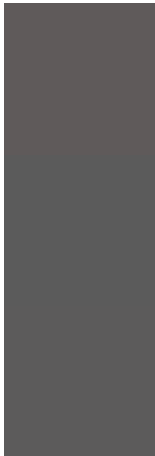
**Deuteranomaly**

62595A

**Tritanomaly**

60595E

# Monochromacy



**Original Color**

5F5A5A

**Achromatopsia**

5B5B5B

**Achromatomaly**

5C5B5B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5F5A5A 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 #5F5A5A looks like.

```
.text, #text, p{  
    color:#5F5A5A  
}
```

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 #5F5A5A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5A5A
}
```

## Border

The CSS property to change the border of an element to Hex 5F5A5A 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
#5F5A5A }
```

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

```
.border{ border-color:#5F5A5A }
```

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

Here you see how a box with a 4 pixel #5F5A5A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5A5A; -webkit-box-shadow:4px 4px  
4px 4px #5F5A5A; box-shadow:4px 4px 4px  
4px #5F5A5A }
```

# Background

The CSS property to change the background color of an element to Hex 5F5A5A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5A5A }
```

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

```
.background{ background-color:#5F5A5A }
```

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