

Converting Colors

Hex(5F5858)

Have a look what the booklet for
Hex(5F5858) contains.

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Color

Hex(5F5858)

Conversions

Conversions Part 1

Format	Color
Hex	5F5858
RGB	95, 88, 88
RGB Percent	37%, 35%, 35%
CMY	0.6275, 0.6549, 0.6549
CMYK	0.00, 0.07, 0.07, 0.63
HSL	0°, 4%, 36%
HSV	0°, 7%, 37%
XYZ	9.9705, 10.1169, 10.6598
YIQ	90.0930, 4.1720, 1.4840

Conversions

Conversions Part 2

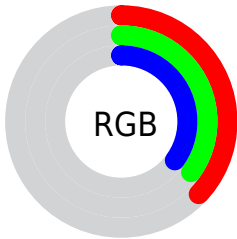
Format	Color
R_{YB}	95, 88, 88
Decimal	6248536
CIE Lab	38.05, 2.83, 1.01
CIE LCh	38, 3.006, 19.722
Yxy	10.1169, 0.3243, 0.3290
Android (android.graphics.Color)	4284438616 (0xFF5F5858)
YUV	90.0930, -1.0318, 4.3034
Hunter-Lab	31.8071, 0.2915, 2.3946

Details

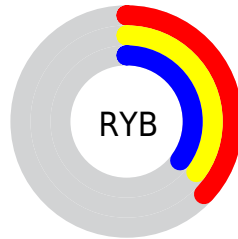
The Hex color **5F5858** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **585F5F**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **918A8A**, and **312B2B** is the 20% darker color. If you saturate the color by 10%, you get **5F4E4E**, and if you desaturate by 10%, it is **5F6262**.

Distribution



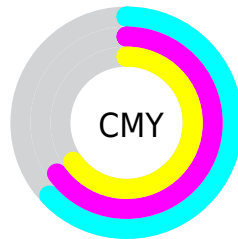
- Red (37%)
- Green (35%)
- Blue (35%)



- Red (37%)
- Yellow (35%)
- Blue (35%)



- Cyan (0%)
- Magenta (7%)
- Yellow (7%)
- Black (63%)



- Cyan (63%)
- Magenta (65%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5858 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 5F5858 by changing the saturation by 10% instead.



5F5858



5F5858

FFFFFF



474141



918A8A



312B2B



ACA4A4



1C1616



C7BFBF



000000



E3DBDB



FFF8F7



5F5858



5F5858



5F4E4E



5F6262



5F4545



5F6B6B

■ 5F3B3B

■ 5F7575

■ 5F3232

■ 5F7E7E

■ 5F2929

■ 5F8888

■ 5F1F1F

■ 5F9191

■ 5F1515

■ 5F9B9B

■ 5F0C0C

■ 5FA4A4

■ 5F0202

■ 5FAEAE

Harmonies

Analogous

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



5E585A



5F5858



5E5856

Triad

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



5F5858



575B56



565A5E

Complementary

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



5F5858



585F5F

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.



545B5D



5F5858



555B59

Square

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



5F5858



5A5A55



545B5B



59595E

Rectangle

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



5F5858



5D5955



545B5B



555A5E

Sweetspot

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



5F5858



7A7878



5F585F



3D3C3C



BDBDBD



3D3D3D

Same Dimension

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



5F5858



7A6F6F



5F5C58



302C2C



700000



F00000

Inverse Universe

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



585F5F



6F7A7A



585C5F



2C3030



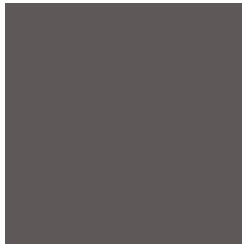
007070



00F0F0

Previews

White Background



This preview shows how the Hex color 5F5858 looks on a white background.

Color Contrast Check

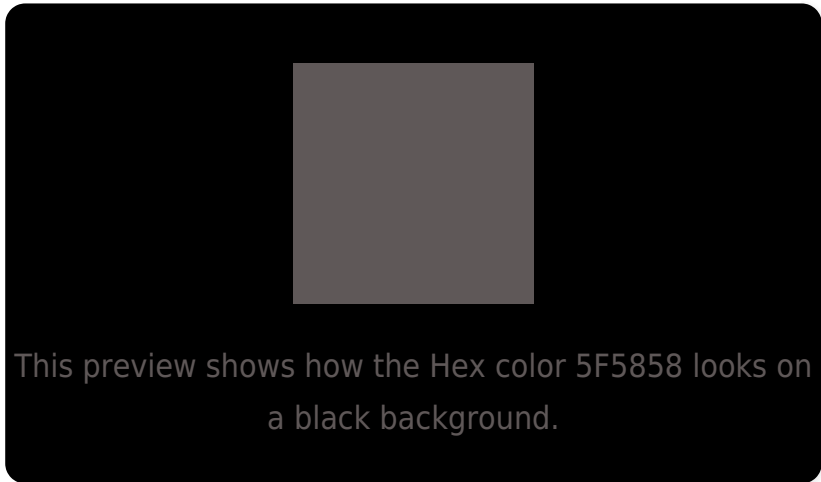
Large Text (above 18pt) WCAG AA ✓ Pass

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

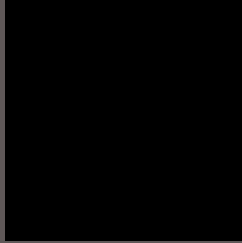
Any Text WCAG AA × Fail

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 5F5858 Background



This preview shows how black text looks on a background with the Hex color 5F5858.

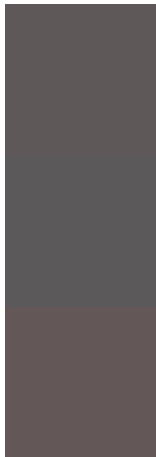


This preview shows how white text looks on a background with the Hex color 5F5858.

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
5F5858

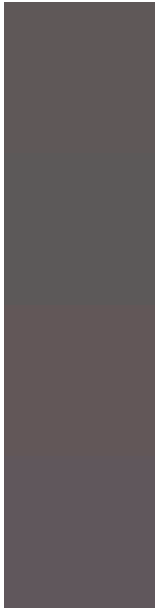
Protanopia
5B5959

Deuteranopia
635758



Tritanopia
60575E

Trichromacy



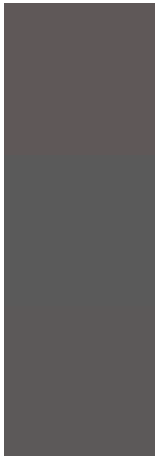
Original Color
5F5858

Protanomaly
5C5959

Deuteranomaly
625758

Tritanomaly
60575C

Monochromacy



Original Color
5F5858

Achromatopsia
5A5A5A

Achromatomaly
5C5959

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5858 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 #5F5858 looks like.

```
.text, #text, p{  
    color:#5F5858  
}
```

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 #5F5858 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5858
}
```

Border

The CSS property to change the border of an element to Hex 5F5858 is called "border". The border property can be set on classes, ids or directly on the HTML element.

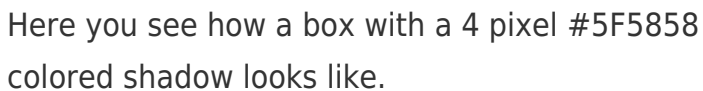
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5F5858 }
```

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

```
.border{ border-color:#5F5858 }
```

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



Here you see how a box with a 4 pixel #5F5858 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5858; -webkit-box-shadow:4px 4px  
4px 4px #5F5858; box-shadow:4px 4px 4px  
4px #5F5858 }
```

Background

The CSS property to change the background color of an element to Hex 5F5858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5858 }
```

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

```
.background{ background-color:#5F5858 }
```

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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