

Converting Colors

Hex(5F5959)

Have a look what the booklet for
Hex(5F5959) contains.

Hex(5F5959)	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(5F5959)

Conversions

Conversions Part 1

Format	Color
Hex	5F5959
RGB	95, 89, 89
RGB Percent	37%, 35%, 35%
CMY	0.6275, 0.6510, 0.6510
CMYK	0.00, 0.06, 0.06, 0.63
HSL	0°, 3%, 36%
HSV	0°, 6%, 37%
XYZ	10.0949, 10.2989, 10.9070
YIQ	90.7940, 3.5760, 1.2720

Conversions

Conversions Part 2

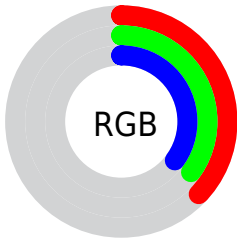
Format	Color
R_YB	95, 89, 89
Decimal	6248793
CIE Lab	38.37, 2.42, 0.86
CIE LCh	38, 2.567, 19.640
Yxy	10.2989, 0.3225, 0.3290
Android (android.graphics.Color)	4284438873 (0xFF5F5959)
YUV	90.7940, -0.8844, 3.6887
Hunter-Lab	32.0919, -0.0118, 2.3136

Details

The Hex color **5F5959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595F5F**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **918B8B**, and **312C2C** is the 20% darker color. If you saturate the color by 10%, you get **5F5050**, and if you desaturate by 10%, it is **5F6262**.

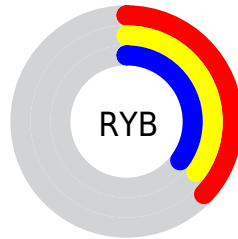
Distribution



Red (37%)

Green (35%)

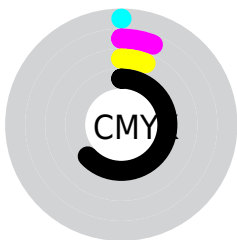
Blue (35%)



Red (37%)

Yellow (35%)

Blue (35%)

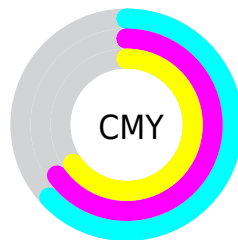


Cyan (0%)

Magenta (6%)

Yellow (6%)

Black (63%)



Cyan (63%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F5959 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 5F5959 by changing the saturation by 10% instead.



5F5959



5F5959

FFFFFF



474242



918B8B



312C2C



ACA5A5



1C1717



C7C0C0



000000



E3DCDC



FFF9F9



5F5959



5F5959



5F5050



5F6262



5F4646



5F6C6C

■ 5F3D3D

■ 5F7676

■ 5F3333

■ 5F7F7F

■ 5F2929

■ 5F8989

■ 5F2020

■ 5F9292

■ 5F1616

■ 5F9C9C

■ 5F0D0D

■ 5FA5A5

■ 5F0303

■ 5FAFAF

Harmonies

Analogous

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



5E95B



5F5959



5F5957

Triad

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



5F5959



585B58



585B5E

Complementary

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



5F5959



595F5F

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.



565B5D



5F5959



565C59

Square

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



5F5959



5B5B56



555C5C



5A5A5E

Rectangle

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



5F5959



5E5A56



555C5C



575B5E

Sweetspot

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



5F5959



7A7878



5F595F



3D3C3C



BDBDBD



3D3D3D

Same Dimension

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



5F5959



7A7171



5F5C59



302C2C



700000



F00000

Inverse Universe

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



595F5F



717A7A



595C5F



2C3030



007070



00F0F0

Previews

White Background



This preview shows how the Hex color 5F5959 looks on a white background.

Color Contrast Check

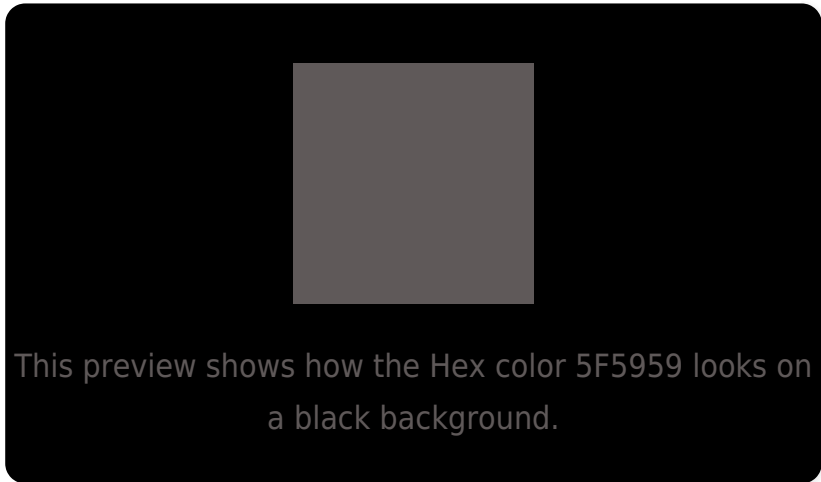
Large Text (above 18pt) WCAG AA ✓ Pass

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

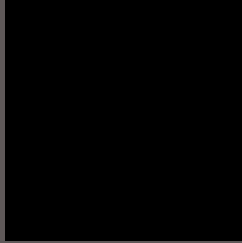
Any Text WCAG AA × Fail

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 5F5959 Background



This preview shows how black text looks on a background with the Hex color 5F5959.

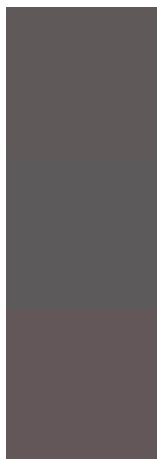


This preview shows how white text looks on a background with the Hex color 5F5959.

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](#).

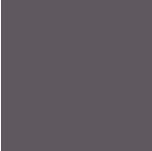
Dichromacy



Original Color
5F5959

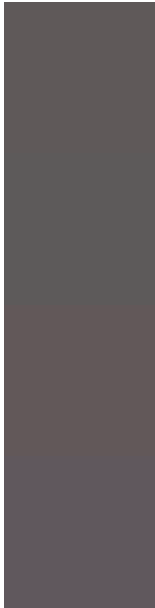
Protanopia
5C5A5A

Deuteranopia
635759



Tritanopia
60585F

Trichromacy



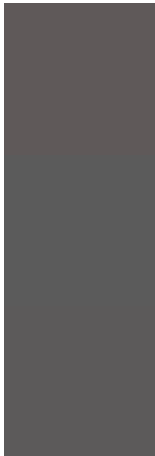
Original Color
5F5959

Protanomaly
5D5A5A

Deuteranomaly
625859

Tritanomaly
60585D

Monochromacy



Original Color
5F5959

Achromatopsia
5B5B5B

Achromatomaly
5C5A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F5959 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 #5F5959 looks like.

```
.text, #text, p{  
    color:#5F5959  
}
```

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 #5F5959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F5959
}
```

Border

The CSS property to change the border of an element to Hex 5F5959 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
#5F5959 }
```

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

```
.border{ border-color:#5F5959 }
```

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

Here you see how a box with a 4 pixel #5F5959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F5959; -webkit-box-shadow:4px 4px  
4px 4px #5F5959; box-shadow:4px 4px 4px  
4px #5F5959 }
```

Background

The CSS property to change the background color of an element to Hex 5F5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F5959 }
```

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

```
.background{ background-color:#5F5959 }
```

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