

Converting Colors

Hex(5B5959)

Have a look what the booklet for
Hex(5B5959) contains.

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Color

Hex(5B5959)

Conversions

Conversions Part 1

Format	Color
Hex	5B5959
RGB	91, 89, 89
RGB Percent	36%, 35%, 35%
CMY	0.6431, 0.6510, 0.6510
CMYK	0.00, 0.02, 0.02, 0.64
HSL	0°, 1%, 35%
HSV	0°, 2%, 36%
XYZ	9.6899, 10.0902, 10.8881
YIQ	89.5980, 1.1920, 0.4240

Conversions

Conversions Part 2

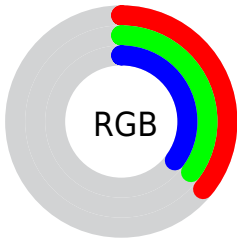
Format	Color
RYB	91, 89, 89
Decimal	5986649
CIELab	38.00, 0.80, 0.28
CIELCh	38, 0.850, 19.160
Yxy	10.0902, 0.3160, 0.3290
Android (android.graphics.Color)	4284176729 (0xFF5B5959)
YUV	89.5980, -0.2948, 1.2296
Hunter-Lab	31.7650, -1.1373, 1.9127

Details

The Hex color **5B5959** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **595B5B**, and the grayscale version is **5A5A5A**.

A 20% lighter version of the original color is **8D8B8B**, and **2D2C2C** is the 20% darker color. If you saturate the color by 10%, you get **5B5050**, and if you desaturate by 10%, it is **5B6262**.

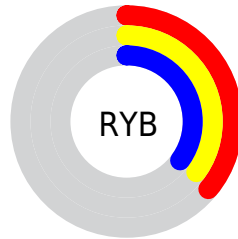
Distribution



Red (36%)

Green (35%)

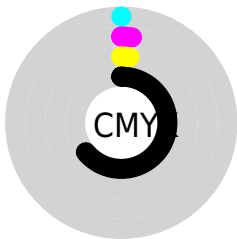
Blue (35%)



Red (36%)

Yellow (35%)

Blue (35%)

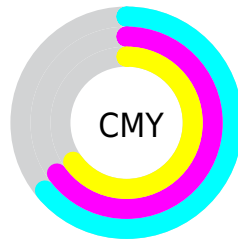


Cyan (0%)

Magenta (2%)

Yellow (2%)

Black (64%)



Cyan (64%)

Magenta (65%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5959 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 5B5959 by changing the saturation by 10% instead.

■ 5B5959

■ 5B5959

FFFFFF

■ 444242

■ 8D8B8B

■ 2D2C2C

■ A7A5A5

■ 191717

■ C3C0C0

■ 000000

■ DFDCDC

■ FBF9F9

■ 5B5959

■ 5B5959

■ 5B5050

■ 5B6262

■ 5B4747

■ 5B6B6B

■ 5B3E3E

■ 5B7474

■ 5B3535

■ 5B7D7D

■ 5B2C2C

■ 5B8787

■ 5B2222

■ 5B9090

■ 5B1919

■ 5B9999

■ 5B1010

■ 5BA2A2

■ 5B0707

■ 5BABAB

Harmonies

Analogous

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



5B595A



5B5959



5B5958

Triad

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



5B5959



595A59



595A5B

Complementary

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



5B5959



595B5B

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.



585A5A



5B5959



585A59

Square

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



5B5959



5A5A58



585A5A



59595B

Rectangle

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



5B5959



5B5958



585A5A



585A5B

Sweetspot

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



5B5959



757474



5B595B



3B3A3A



BABABA



3B3B3B

Same Dimension

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



5B5959



757272



5B5A59



2E2C2C



6E0000



ED0000

Inverse Universe

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



595B5B



727575



595A5B



2C2E2E



006E6E



00EDED

Previews

White Background



This preview shows how the Hex color 5B5959 looks on a white background.

Color Contrast Check

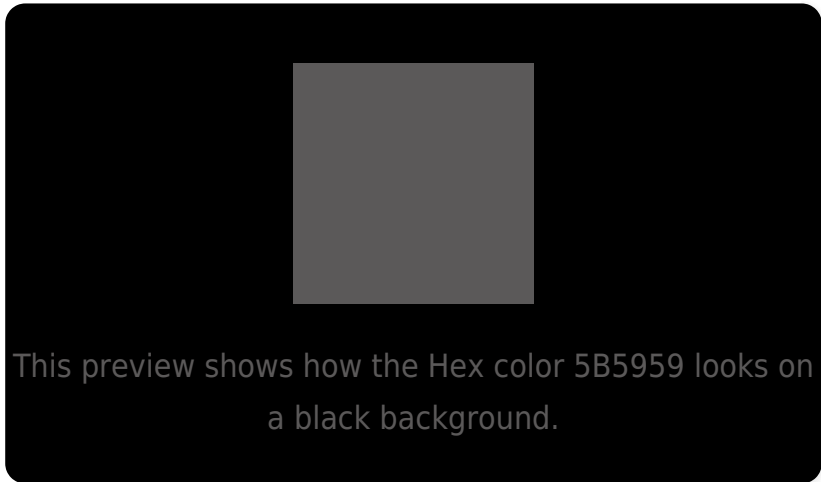
Large Text (above 18pt) WCAG AA ✓ Pass

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

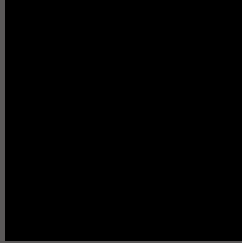
Any Text WCAG AA × Fail

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 5B5959 Background



This preview shows how black text looks on a background with the Hex color 5B5959.



This preview shows how white text looks on a background with the Hex color 5B5959.

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
5B5959

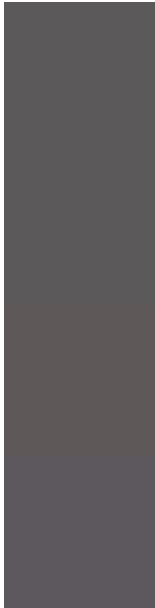
Protanopia
5B5959

Deuteranopia
625759



Tritanopia
5C585F

Trichromacy



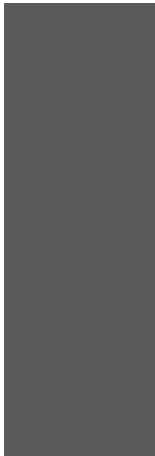
Original Color
5B5959

Protanomaly
5B5959

Deuteranomaly
5F5859

Tritanomaly
5C585D

Monochromacy



Original Color
5B5959

Achromatopsia
5A5A5A

Achromatomaly
5A5A5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5959 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 #5B5959 looks like.

```
.text, #text, p{  
    color:#5B5959  
}
```

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 #5B5959 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5959
}
```

Border

The CSS property to change the border of an element to Hex 5B5959 is called "border". The border property can be set on classes, ids or directly on the HTML element.

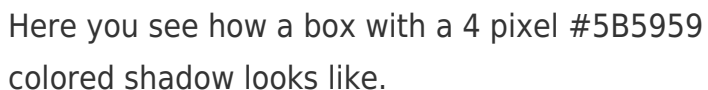
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5959 }
```

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

```
.border{ border-color:#5B5959 }
```

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



Here you see how a box with a 4 pixel #5B5959 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5959; -webkit-box-shadow:4px 4px  
4px 4px #5B5959; box-shadow:4px 4px 4px  
4px #5B5959 }
```

Background

The CSS property to change the background color of an element to Hex 5B5959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5959 }
```

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

```
.background{ background-color:#5B5959 }
```

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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