

# Converting Colors

Hex(5B5C58)

Have a look what the booklet for  
Hex(5B5C58) contains.

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# Color

**Hex(5B5C58)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B5C58
RGB	91, 92, 88
RGB Percent	36%, 36%, 35%
CMY	0.6431, 0.6392, 0.6549
CMYK	0.01, 0.00, 0.04, 0.64
HSL	75°, 2%, 35%
HSV	75°, 4%, 36%
XYZ	9.9030, 10.5830, 10.7533
YIQ	91.2450, 0.6880, -1.4560

# Conversions

## Conversions Part 2

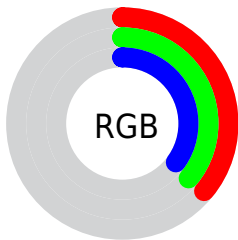
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 92, 89
Decimal	5987416
CIE Lab	38.87, -1.23, 2.16
CIE LCh	39, 2.481, 119.670
Yxy	10.5830, 0.3170, 0.3388
Android (android.graphics.Color)	4284177496 (0xFF5B5C58)
YUV	91.2450, -1.5998, -0.2149
Hunter-Lab	32.5316, -2.5928, 3.1738

# Details

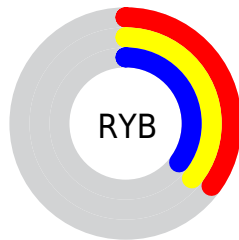
The Hex color **5B5C58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **59585C**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8D8E8A**, and **2D2E2B** is the 20% darker color. If you saturate the color by 10%, you get **595C4F**, and if you desaturate by 10%, it is **5D5C61**.

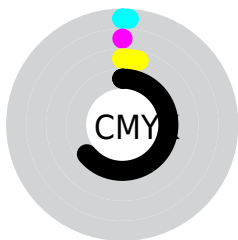
# Distribution



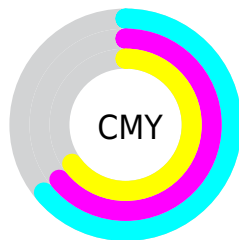
- Red (36%)
- Green (36%)
- Blue (35%)



- Red (35%)
- Yellow (36%)
- Blue (35%)



- Cyan (1%)
- Magenta (0%)
- Yellow (4%)
- Black (64%)



- Cyan (64%)
- Magenta (64%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B5C58 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 5B5C58 by changing the saturation by 10% instead.





5B5C58



5B5C58

FFFFFF



444541



8D8E8A



2D2E2B



A7A9A4



191A16



C3C4BF



000000



DFE0DB



FBFCF8



5B5C58



5B5C58



595C4F



5D5C61



565C46



605C6A

■ 545C3C

■ 625C74

■ 525C33

■ 645C7D

■ 505C2A

■ 665C86

■ 4D5C21

■ 695C8F

■ 4B5C18

■ 6B5C98

■ 495C0E

■ 6D5CA2

■ 465C05

■ 705CAB

# Harmonies

## Analogous

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



5D5B58



5B5C58



595D59

# Triad

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



5B5C58



585C5F



605A5C

# Complementary

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



5B5C58



59585C

# 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.



5E5A5E



5B5C58



5A5C5F

# Square

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



5B5C58



575D5D



5C5B5F



605A5A

# Rectangle

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



5B5C58



585D5B



5C5B5F



5F5A5C



# Sweetspot

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



5B5C58



787877



5C5958



3D3D3D



BDBDBD

# Same Dimension

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



5B5C58



767872



595C58



2D2E2B



526E00



B2ED00



# Inverse Universe

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



59585C



737278



5B585C



2C2B2E



1B006E



3B00ED



# Previews

## White Background



This preview shows how the Hex color 5B5C58 looks on a white background.

## Color Contrast Check

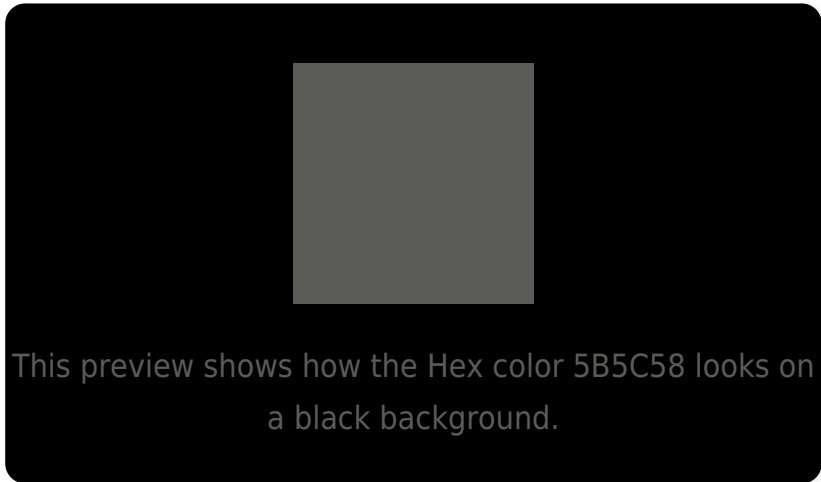
Large Text (above 18pt) WCAG AA ✓ Pass

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

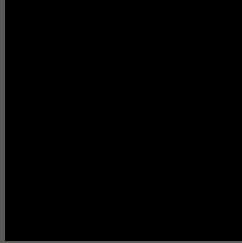
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

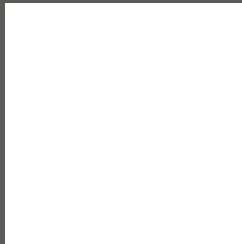
Any Text WCAG AAA × Fail

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

## Hex 5B5C58 Background



This preview shows how black text looks on a background with the Hex color 5B5C58.



This preview shows how white text looks on a background with the Hex color 5B5C58.



# 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**  
5B5C58

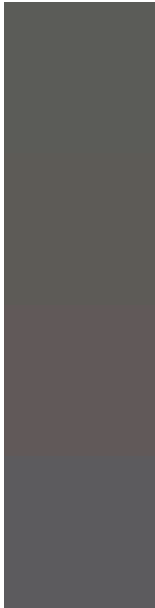
**Protanopia**  
5E5B57

**Deuteranopia**  
655859



**Tritanopia**  
5C5B62

# Trichromacy



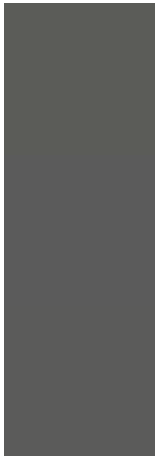
**Original Color**  
5B5C58

**Protanomaly**  
5D5B57

**Deuteranomaly**  
615959

**Tritanomaly**  
5C5B5E

# Monochromacy



**Original Color**  
5B5C58

**Achromatopsia**  
5B5B5B

**Achromatomaly**  
5B5B5A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B5C58 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 #5B5C58 looks like.

```
.text, #text, p{  
    color:#5B5C58  
}
```

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 #5B5C58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5C58
}
```

## Border

The CSS property to change the border of an element to Hex 5B5C58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

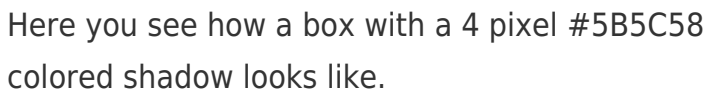
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5C58 }
```

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

```
.border{ border-color:#5B5C58 }
```

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



Here you see how a box with a 4 pixel #5B5C58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5C58; -webkit-box-shadow:4px 4px  
4px 4px #5B5C58; box-shadow:4px 4px 4px  
4px #5B5C58 }
```

# Background

The CSS property to change the background color of an element to Hex 5B5C58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5C58 }
```

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

```
.background{ background-color:#5B5C58 }
```

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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