

Converting Colors

Hex(5B5B58)

Have a look what the booklet for
Hex(5B5B58) contains.

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Color

Hex(5B5B58)

Conversions

Conversions Part 1

Format	Color
Hex	5B5B58
RGB	91, 91, 88
RGB Percent	36%, 36%, 35%
CMY	0.6431, 0.6431, 0.6549
CMYK	0.00, 0.00, 0.03, 0.64
HSL	60°, 2%, 35%
HSV	60°, 3%, 36%
XYZ	9.8169, 10.4109, 10.7246
YIQ	90.6580, 0.9630, -0.9330

Conversions

Conversions Part 2

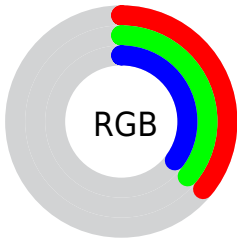
Format	Color
R_{YB}	88, 91, 88
Decimal	5987160
CIE Lab	38.57, -0.62, 1.72
CIE LCh	39, 1.831, 109.868
Yxy	10.4109, 0.3172, 0.3364
Android (android.graphics.Color)	4284177240 (0xFF5B5B58)
YUV	90.6580, -1.3104, 0.2999
Hunter-Lab	32.2659, -2.1567, 2.8792

Details

The Hex color **5B5B58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **58585B**, and the grayscale version is **5B5B5B**.

A 20% lighter version of the original color is **8D8D8A**, and **2D2D2B** is the 20% darker color. If you saturate the color by 10%, you get **5B5B4F**, and if you desaturate by 10%, it is **5B5B61**.

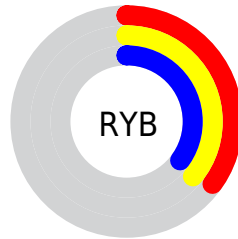
Distribution



Red (36%)

Green (36%)

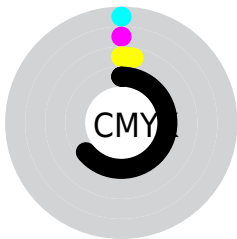
Blue (35%)



Red (35%)

Yellow (36%)

Blue (35%)

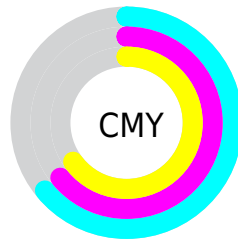


Cyan (0%)

Magenta (0%)

Yellow (3%)

Black (64%)



Cyan (64%)

Magenta (64%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5B58 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 5B5B58 by changing the saturation by 10% instead.



5B5B58



5B5B58

FFFFFF



444441



8D8D8A



2D2D2B



A7A7A4



191916



C3C3BF



000000



DFDFDB



FBFBF7



5B5B58



5B5B58



5B5B4F



5B5B61



5B5B46



5B5B6A

 5B5B3D

 5B5B73

 5B5B34

 5B5B7C

 5B5B2B

 5B5B86

 5B5B21

 5B5B8F

 5B5B18

 5B5B98

 5B5B0F

 5B5BA1

 5B5B06

 5B5BAA

Harmonies

Analogous

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



5D5B58



5B5B58



595B59

Triad

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



5B5B58



585B5D



5E5A5B

Complementary

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



5B5B58



58585B

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.



5C5A5D



5B5B58



595B5E

Square

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



5B5B58



575C5C



5B5B5E



5E5A5A

Rectangle

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



5B5B58



585C5A



5B5B5E



5D5A5C

Sweetspot

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



5B5B58



757574



5B5858



3B3B3A



BABABA



3B3B3B

Same Dimension

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



5B5B58



757571



5A5B58



2E2E2C



6E6E00



EDED00

Inverse Universe

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



58585B



717175



5A585B



2C2C2E



00006E



0000ED

Previews

White Background



This preview shows how the Hex color 5B5B58 looks on a white background.

Color Contrast Check

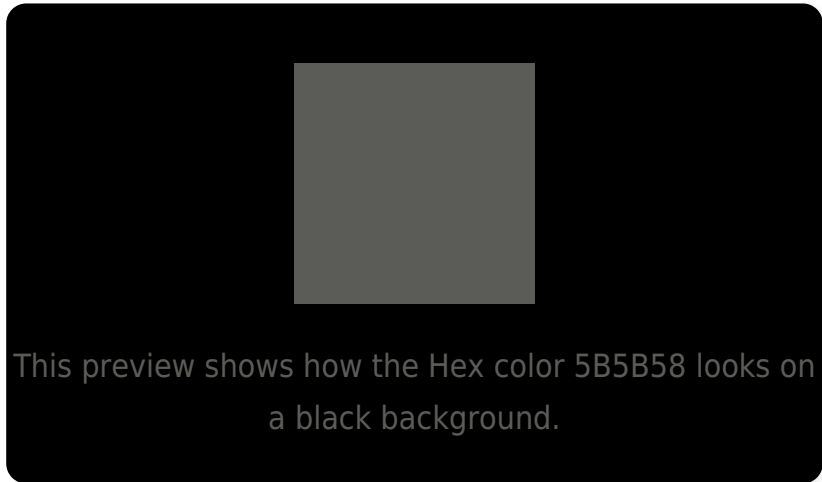
Large Text (above 18pt) WCAG AA ✓ Pass

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

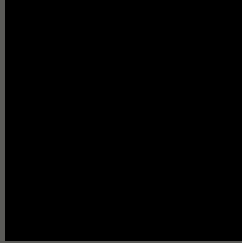
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

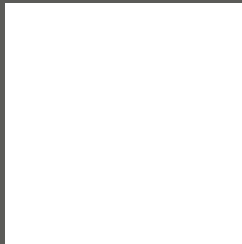
Any Text WCAG AAA × Fail

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

Hex 5B5B58 Background



This preview shows how black text looks on a background with the Hex color 5B5B58.



This preview shows how white text looks on a background with the Hex color 5B5B58.

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

5B5B58

Protanopia

5D5A58

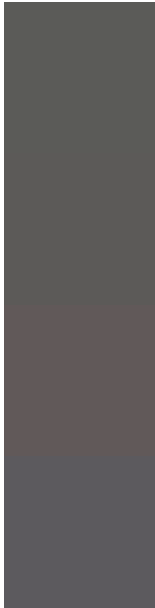
Deuteranopia

645859



Tritanopia
5C5A61

Trichromacy



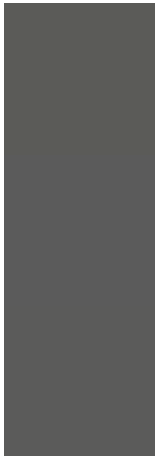
Original Color
5B5B58

Protanomaly
5C5A58

Deuteranomaly
615959

Tritanomaly
5C5A5E

Monochromacy



Original Color
5B5B58

Achromatopsia
5B5B5B

Achromatomaly
5B5B5A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5B58 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 #5B5B58 looks like.

```
.text, #text, p{  
    color:#5B5B58  
}
```

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 #5B5B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5B58
}
```

Border

The CSS property to change the border of an element to Hex 5B5B58 is called "border". The border property can be set on classes, ids or directly on the HTML element.

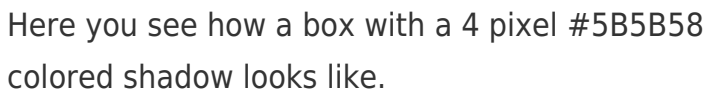
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5B58 }
```

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

```
.border{ border-color:#5B5B58 }
```

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



Here you see how a box with a 4 pixel #5B5B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5B58; -webkit-box-shadow:4px 4px  
4px 4px #5B5B58; box-shadow:4px 4px 4px  
4px #5B5B58 }
```

Background

The CSS property to change the background color of an element to Hex 5B5B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5B58 }
```

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

```
.background{ background-color:#5B5B58 }
```

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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