

Converting Colors

Hex(5B5158)

Have a look what the booklet for
Hex(5B5158) contains.

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Color

Hex(5B5158)

Conversions

Conversions Part 1

Format	Color
Hex	5B5158
RGB	91, 81, 88
RGB Percent	36%, 32%, 35%
CMY	0.6431, 0.6824, 0.6549
CMYK	0.00, 0.11, 0.03, 0.64
HSL	318°, 6%, 34%
HSV	318°, 11%, 36%
XYZ	9.0183, 8.8136, 10.4584
YIQ	84.7880, 3.7130, 4.2970

Conversions

Conversions Part 2

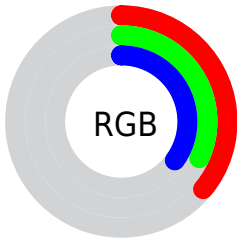
Format	Color
RYB	91, 81, 88
Decimal	5984600
CIELab	35.62, 5.54, -2.59
CIELCh	36, 6.113, 334.949
Yxy	8.8136, 0.3188, 0.3115
Android (android.graphics.Color)	4284174680 (0xFF5B5158)
YUV	84.7880, 1.5835, 5.4479
Hunter-Lab	29.6877, 2.2697, -0.1053

Details

The Hex color **5B5158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **515B54**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **8D828A**, and **2D242B** is the 20% darker color. If you saturate the color by 10%, you get **5B4855**, and if you desaturate by 10%, it is **5B5A5B**.

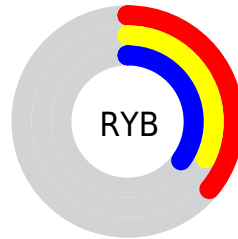
Distribution



Red (36%)

Green (32%)

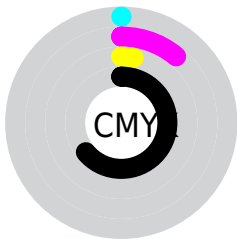
Blue (35%)



Red (36%)

Yellow (32%)

Blue (35%)

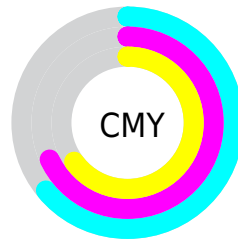


Cyan (0%)

Magenta (11%)

Yellow (3%)

Black (64%)



Cyan (64%)

Magenta (68%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B5158 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 5B5158 by changing the saturation by 10% instead.



5B5158



5B5158

FFFFFF



443A41



8D828A



2D242B



A89CA4



191016



C3B7BF



000000



DFD3DB



FBEFF8



5B5158



5B5158



5B4855



5B5A5B



5B3F53



5B635D

■ 5B3650

■ 5B6C60

■ 5B2D4D

■ 5B7563

■ 5B234A

■ 5B7F66

■ 5B1A48

■ 5B8868

■ 5B1145

■ 5B916B

■ 5B0842

■ 5B9A6E

■ 5B0040

■ 5BA371

Harmonies

Analogous

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



56525C



5B5158



5E5053

Triad

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



5B5158



57544A



485659

Complementary

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



5B5158



515B54

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.



485754



5B5158



51554C

Square

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



5B5158



5C524B



4C564F



4A555C

Rectangle

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



5B5158



5E5150



4C564F



485758

Sweetspot

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



5B5158



757274



54515B



3B383A



BABABA



3B3B3B

Same Dimension

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



5B5158



756671



5B5153



2E292D



6E004D



ED00A6

Inverse Universe

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



5B5158



756671



515B59



2E292D



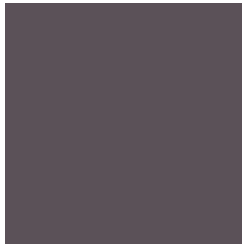
6E004D



ED00A6

Previews

White Background



This preview shows how the Hex color 5B5158 looks on a white background.

Color Contrast Check

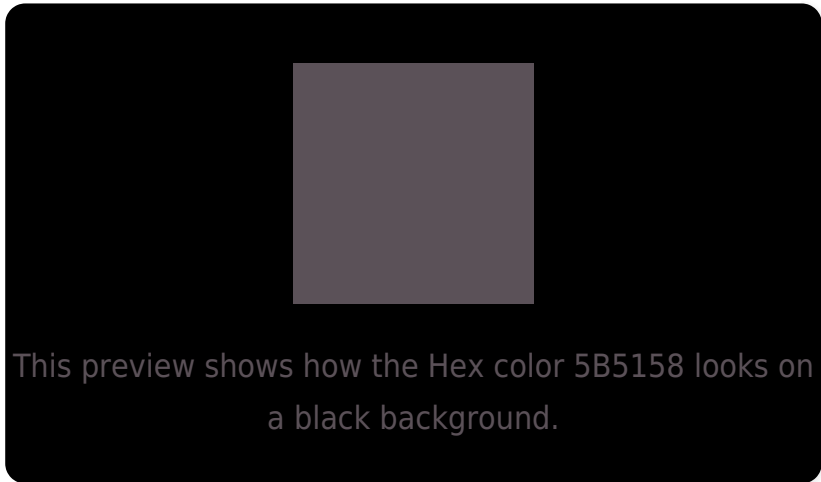
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

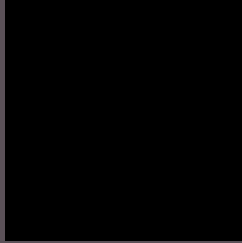
Any Text WCAG AA × Fail

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 5B5158 Background



This preview shows how black text looks on a background with the Hex color 5B5158.

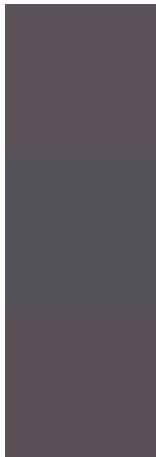


This preview shows how white text looks on a background with the Hex color 5B5158.

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
5B5158

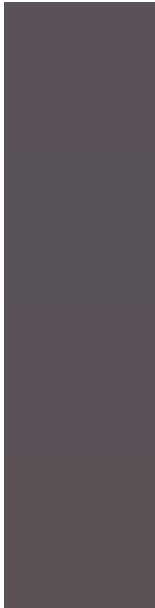
Protanopia
545359

Deuteranopia
5A5158



Tritanopia
5B5157

Trichromacy



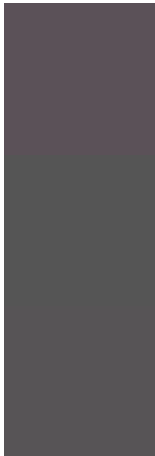
Original Color
5B5158

Protanomaly
575259

Deuteranomaly
5A5158

Tritanomaly
5B5157

Monochromacy



Original Color
5B5158

Achromatopsia
555555

Achromatomaly
575456

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B5158 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 #5B5158 looks like.

```
.text, #text, p{  
    color:#5B5158  
}
```

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 #5B5158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B5158
}
```

Border

The CSS property to change the border of an element to Hex 5B5158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

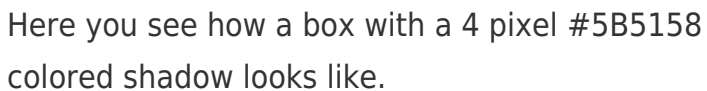
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B5158 }
```

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

```
.border{ border-color:#5B5158 }
```

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



Here you see how a box with a 4 pixel #5B5158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B5158; -webkit-box-shadow:4px 4px  
4px 4px #5B5158; box-shadow:4px 4px 4px  
4px #5B5158 }
```

Background

The CSS property to change the background color of an element to Hex 5B5158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B5158 }
```

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

```
.background{ background-color:#5B5158 }
```

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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