

# Converting Colors

Hex(5B6158)

Have a look what the booklet for  
Hex(5B6158) contains.

<b>Hex(5B6158)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(5B6158)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5B6158
RGB	91, 97, 88
RGB Percent	36%, 38%, 35%
CMY	0.6431, 0.6196, 0.6549
CMYK	0.06, 0.00, 0.09, 0.62
HSL	100°, 5%, 36%
HSV	100°, 9%, 38%
XYZ	10.3505, 11.4781, 10.9025
YIQ	94.1800, -0.6870, -4.0710

# Conversions

## Conversions Part 2

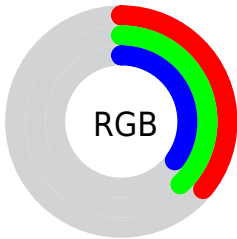
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	88, 97, 94
Decimal	5988696
CIE <sub>Lab</sub>	40.37, -4.22, 4.33
CIE <sub>LCh</sub>	40, 6.045, 134.321
Yxy	11.4781, 0.3162, 0.3507
Android (android.graphics.Color)	4284178776 (0xFF5B6158)
YUV	94.1800, -3.0467, -2.7889
Hunter-Lab	33.8794, -4.7551, 4.6359

# Details

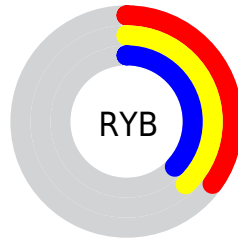
The Hex color **5B6158** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **5E5861**, and the grayscale version is **5E5E5E**.

A 20% lighter version of the original color is **8D948A**, and **2D332B** is the 20% darker color. If you saturate the color by 10%, you get **55614E**, and if you desaturate by 10%, it is **616162**.

# Distribution



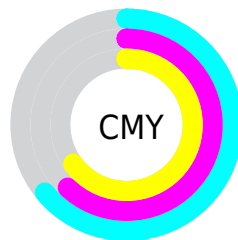
- Red (36%)
- Green (38%)
- Blue (35%)



- Red (35%)
- Yellow (38%)
- Blue (37%)



- Cyan (6%)
- Magenta (0%)
- Yellow (9%)
- Black (62%)



- Cyan (64%)
- Magenta (62%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6158 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 5B6158 by changing the saturation by 10% instead.





5B6158



5B6158

FFFFFF



444941



8D948A



2D332B



A8AEA4



191E16



C3CABF



000300



DFE6DB



000000



FBFFF8



5B6158



5B6158



55614E



616162



4E6145



68616B

■ 48613B

■ 6E6175

■ 416131

■ 75617F

■ 3B6127

■ 7B6189

■ 34611E

■ 826192

■ 2E6114

■ 88619C

■ 27610A

■ 8F61A6

■ 216101

■ 9561AF

# Harmonies

## Analogous

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



616056



5B6158



56625C

# Triad

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



5B6158



576068



6A5C5D

# Complementary

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



5B6158



5E5861

# 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.



685C62



5B6158



5D5F69

# Square

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



5B6158



546266



635D66



695D58

# Rectangle

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



5B6158



546260



635D66



695C5F



# Sweetspot

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



5B6158



7A7D79



615E58



3E403D



BFBFBF



404040



# Same Dimension

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



5B6158



747D6F



586159



2D302C



257000



50F000



# Inverse Universe

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



5E5861



786F7D



61585F



2F2C30



4B0070



A000F0



# Previews

## White Background



This preview shows how the Hex color 5B6158 looks on a white background.

## Color Contrast Check

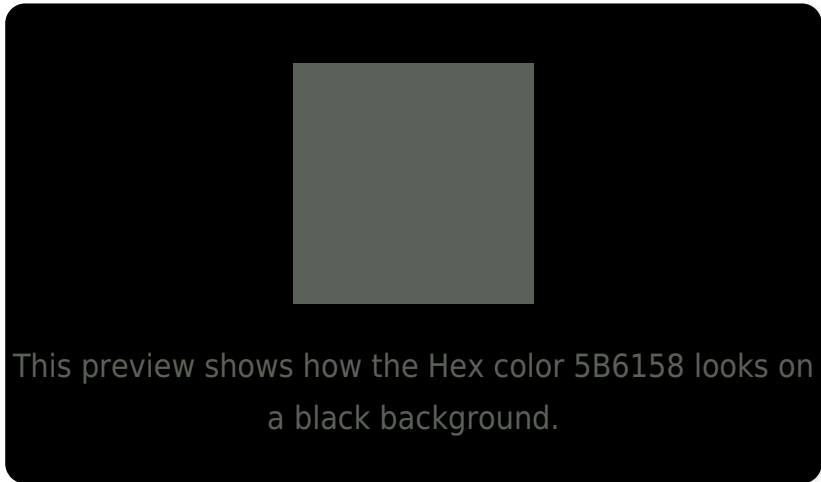
Large Text (above 18pt) WCAG AA ✓ Pass

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

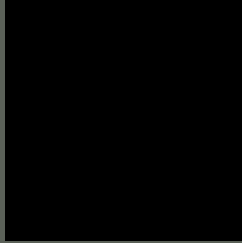
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

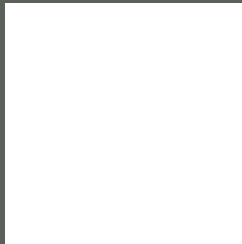
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B6158 Background



This preview shows how black text looks on a background with the Hex color 5B6158.

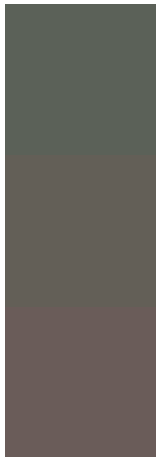


This preview shows how white text looks on a background with the Hex color 5B6158.

# 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**  
5B6158

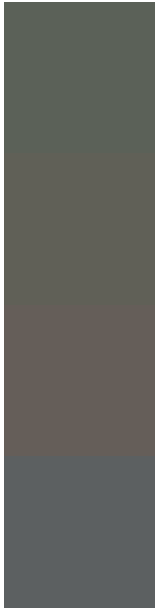
**Protanopia**  
635F57

**Deuteranopia**  
6A5C59



**Tritanopia**  
5D5F66

# Trichromacy



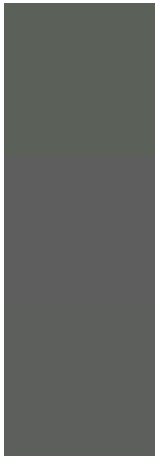
**Original Color**  
5B6158

**Protanomaly**  
606057

**Deuteranomaly**  
655E59

**Tritanomaly**  
5C6061

# Monochromacy



**Original Color**  
5B6158

**Achromatopsia**  
5E5E5E

**Achromatomaly**  
5D5F5C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6158 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 #5B6158 looks like.

```
.text, #text, p{  
    color:#5B6158  
}
```

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 #5B6158 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6158  
}
```

## Border

The CSS property to change the border of an element to Hex 5B6158 is called "border". The border property can be set on classes, ids or directly on the HTML element.

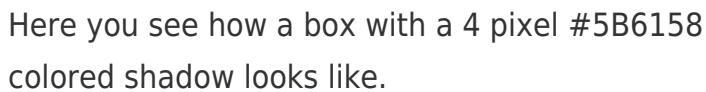
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid  
#5B6158 }
```

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

```
.border{ border-color:#5B6158 }
```

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



Here you see how a box with a 4 pixel #5B6158 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6158; -webkit-box-shadow:4px 4px  
4px 4px #5B6158; box-shadow:4px 4px 4px  
4px #5B6158 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6158 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6158 }
```

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

```
.background{ background-color:#5B6158 }
```

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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