

# Converting Colors

Hex(5B6B58)

Have a look what the booklet for  
Hex(5B6B58) contains.

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# Color

**Hex(5B6B58)**

# Conversions

## Conversions Part 1

Format	Color
Hex	5B6B58
RGB	91, 107, 88
RGB Percent	36%, 42%, 35%
CMY	0.6431, 0.5804, 0.6549
CMYK	0.15, 0.00, 0.18, 0.58
HSL	111°, 10%, 38%
HSV	111°, 18%, 42%
XYZ	11.3335, 13.4441, 11.2302
YIQ	100.0500, -3.4370, -9.3010

# Conversions

## Conversions Part 2

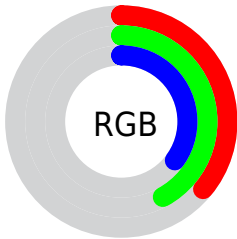
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	88, 107, 104
Decimal	5991256
CIE Lab	43.42, -10.04, 8.66
CIE LCh	43, 13.262, 139.214
Yxy	13.4441, 0.3148, 0.3734
Android (android.graphics.Color)	4284181336 (0xFF5B6B58)
YUV	100.0500, -5.9406, -7.9368
Hunter-Lab	36.6662, -8.9915, 7.5070

# Details

The Hex color **5B6B58** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **68586B**, and the grayscale version is **646464**.

A 20% lighter version of the original color is **8D9E8A**, and **2D3C2B** is the 20% darker color. If you saturate the color by 10%, you get **526B4D**, and if you desaturate by 10%, it is **646B63**.

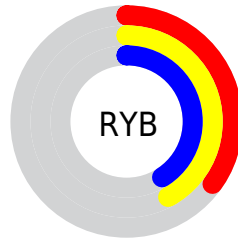
# Distribution



Red (36%)

Green (42%)

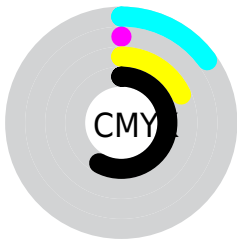
Blue (35%)



Red (35%)

Yellow (42%)

Blue (41%)

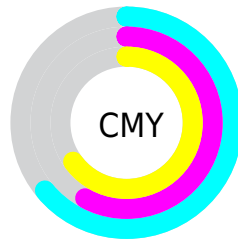


Cyan (15%)

Magenta (0%)

Yellow (18%)

Black (58%)



Cyan (64%)

Magenta (58%)

Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B6B58 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 5B6B58 by changing the saturation by 10% instead.



■ 5B6B58

■ 5B6B58

FFFFFF

■ 435341

■ 8D9E8A

■ 2D3C2B

■ A8B9A4

■ 182616

■ C3D5BF

■ 001200

■ DFF1DB

■ 000000

■ FCFF8

■ 5B6B58

■ 5B6B58

■ 526B4D

■ 646B63

■ 496B43

■ 6D6B6D

■ 406B38

■ 766B78

■ 376B2D

■ 7F6B83

■ 2E6B23

■ 886B8E

■ 256B18

■ 916B98

■ 1C6B0D

■ 9A6BA3

■ 136B02

■ A36BAE

■ 116B00

■ AC6BB8

# Harmonies

## Analogous

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



686852



5B6B58



506D62

# Triad

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



5B6B58



55697C



7E5F60

# Complementary

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



5B6B58



68586B

# 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.



7A5F6B



5B6B58



63657B

# Square

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



5B6B58



4B6C77



716275



7B6156

# Rectangle

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



5B6B58



4B6D6A



716275



7D5F64



# Sweetspot

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



5B6B58



868C85



6B6858



444743



C7C7C7



474747



# Same Dimension

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



5B6B58



738C6F



586B5E



313630



137500



27F500



# Inverse Universe

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



68586B



886F8C



6B5865



353036



630075

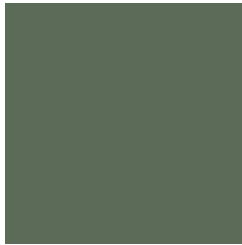


CE00F5



# Previews

## White Background



This preview shows how the Hex color 5B6B58 looks on a white background.

## Color Contrast Check

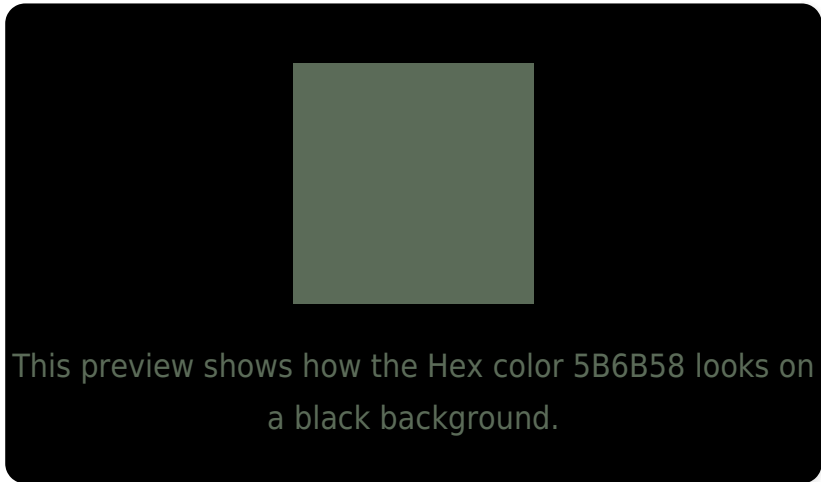
Large Text (above 18pt) WCAG AA ✓ Pass

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

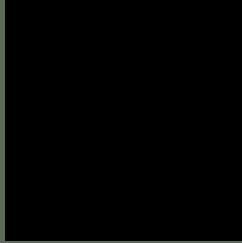
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

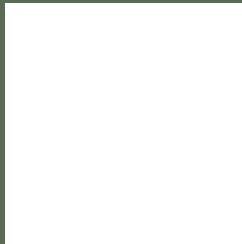
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 5B6B58 Background



This preview shows how black text looks on a background with the Hex color 5B6B58.

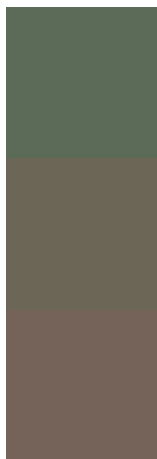


This preview shows how white text looks on a background with the Hex color 5B6B58.

# 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**  
5B6B58

**Protanopia**  
6C6656

**Deuteranopia**  
75635A



**Tritanopia**  
5F6870

# Trichromacy



**Original Color**  
5B6B58

**Protanomaly**  
666857

**Deuteranomaly**  
6C6659

**Tritanomaly**  
5E6967

# Monochromacy



**Original Color**  
5B6B58

**Achromatopsia**  
646464

**Achromatomaly**  
616760

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B6B58 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 #5B6B58 looks like.

```
.text, #text, p{  
    color:#5B6B58  
}
```

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 #5B6B58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6B58
}
```

## Border

The CSS property to change the border of an element to Hex 5B6B58 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
#5B6B58 }
```

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

```
.border{ border-color:#5B6B58 }
```

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

Here you see how a box with a 4 pixel #5B6B58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6B58; -webkit-box-shadow:4px 4px  
4px 4px #5B6B58; box-shadow:4px 4px 4px  
4px #5B6B58 }
```

# Background

The CSS property to change the background color of an element to Hex 5B6B58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6B58 }
```

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

```
.background{ background-color:#5B6B58 }
```

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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