

# Converting Colors

Hex(5B7676)

Have a look what the booklet for  
Hex(5B7676) contains.

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# Color

Hex(5B7676)

# Conversions

## Conversions Part 1

Format	Color
Hex	5B7676
RGB	91, 118, 118
RGB Percent	36%, 46%, 46%
CMY	0.6431, 0.5373, 0.5373
CMYK	0.23, 0.00, 0.00, 0.54
HSL	180°, 13%, 41%
HSV	180°, 23%, 46%
XYZ	14.0628, 16.4890, 19.5810
YIQ	109.9270, -16.0920, -5.7240

# Conversions

## Conversions Part 2

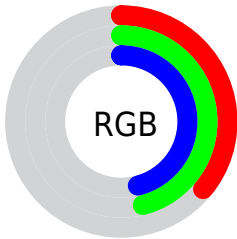
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	91, 105, 118
Decimal	5994102
CIE <sub>Lab</sub>	47.61, -9.73, -3.22
CIE <sub>LCh</sub>	48, 10.245, 198.307
Yxy	16.4890, 0.2805, 0.3289
Android (android.graphics.Color)	4284184182 (0xFF5B7676)
YUV	109.9270, 3.9800, -16.5990
Hunter-Lab	40.6067, -9.2439, -0.1657

# Details

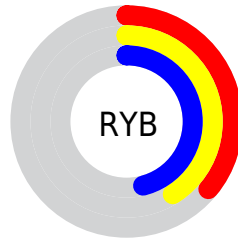
The Hex color **5B7676** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **765B5B**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **8EAAAA**, and **2C4646** is the 20% darker color. If you saturate the color by 10%, you get **4F7676**, and if you desaturate by 10%, it is **677676**.

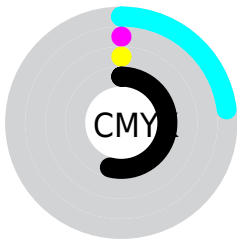
# Distribution



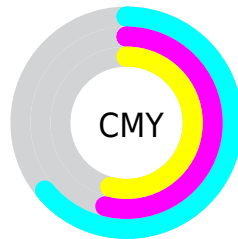
- Red (36%)
- Green (46%)
- Blue (46%)



- Red (36%)
- Yellow (41%)
- Blue (46%)



- Cyan (23%)
- Magenta (0%)
- Yellow (0%)
- Black (54%)



- Cyan (64%)
- Magenta (54%)
- Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B7676 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 5B7676 by changing the saturation by 10% instead.



■ 5B7676

■ 5B7676

FFFFFF

■ 435D5D

■ 8EAAAA

■ 2C4646

■ A8C5C5

■ 162F30

■ C4E1E1

■ 001B1B

■ E0FEFE

■ 000000

■ FDFFFF

■ 5B7676

■ 5B7676

■ 4F7676

■ 677676

■ 437676

■ 737676

■ 387676

■ 7E7676

■ 2C7676

■ 8A7676

■ 207676

■ 967676

■ 147676

■ A27676

■ 087676

■ AE7676

■ 007676

■ B97676

■ C57676

# Harmonies

## Analogous

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



60766D



5B7676



5C757D

# Triad

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



5B7676



796D7C



7B6F60

# Complementary

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



5B7676



765B5B

# 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.



816D64



5B7676



806B75

# Square

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



5B7676



6E7081



836B6C



727261

# Rectangle

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



5B7676



617481



836B6C



7E6E61



# Sweetspot

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



5B7676



8E9999



5B765B



464D4D



CCCCCC



4D4D4D



# Same Dimension

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



5B7676



709999



5B6876



353B3B



007A7A



00FAFA



# Inverse Universe

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



765B76



997099



76685B



3B353B



7A007A



FA00FA



# Previews

## White Background



This preview shows how the Hex color 5B7676 looks on a white background.

## Color Contrast Check

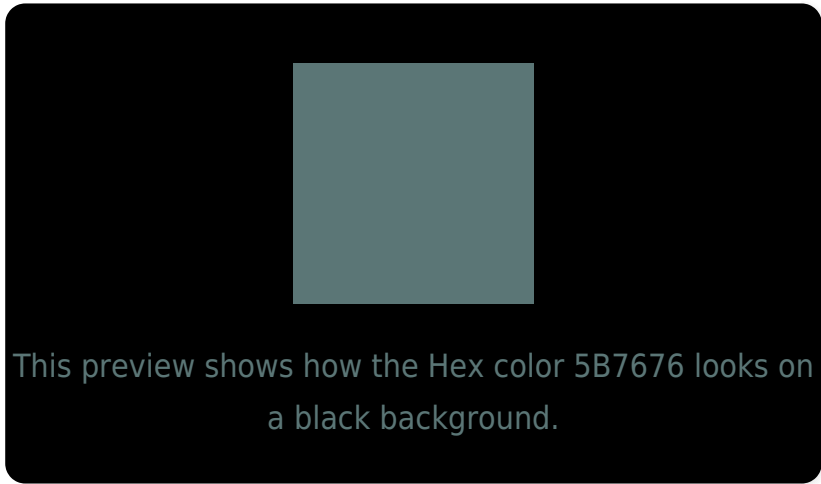
Large Text (above 18pt) WCAG AA ✓ Pass

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

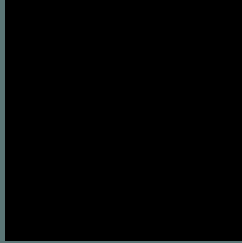
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 5B7676 Background



This preview shows how black text looks on a background with the Hex color 5B7676.



This preview shows how white text looks on a background with the Hex color 5B7676.

# 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**  
5B7676

**Protanopia**  
727072

**Deuteranopia**  
786D78



**Tritanopia**  
5D757E

# Trichromacy



**Original Color**  
5B7676

**Protanomaly**  
6A7273

**Deuteranomaly**  
6D7077

**Tritanomaly**  
5C757B

# Monochromacy



**Original Color**  
5B7676

**Achromatopsia**  
6E6E6E

**Achromatomaly**  
677171

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B7676 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 #5B7676 looks like.

```
.text, #text, p{  
    color:#5B7676  
}
```

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 #5B7676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B7676
}
```

## Border

The CSS property to change the border of an element to Hex 5B7676 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
#5B7676 }
```

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

```
.border{ border-color:#5B7676 }
```

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

Here you see how a box with a 4 pixel #5B7676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B7676; -webkit-box-shadow:4px 4px  
4px 4px #5B7676; box-shadow:4px 4px 4px  
4px #5B7676 }
```

# Background

The CSS property to change the background color of an element to Hex 5B7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B7676 }
```

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

```
.background{ background-color:#5B7676 }
```

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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