

Converting Colors

Hex(5B6764)

Have a look what the booklet for
Hex(5B6764) contains.

Hex(5B6764)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B6764)

Conversions

Conversions Part 1

Format	Color
Hex	5B6764
RGB	91, 103, 100
RGB Percent	36%, 40%, 39%
CMY	0.6431, 0.5961, 0.6078
CMYK	0.12, 0.00, 0.03, 0.60
HSL	165°, 6%, 38%
HSV	165°, 12%, 40%
XYZ	11.4649, 12.8447, 13.9316
YIQ	99.0700, -6.1890, -3.4770

Conversions

Conversions Part 2

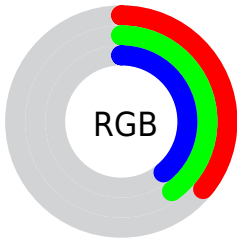
Format	Color
R_{YB}	91, 98, 103
Decimal	5990244
CIE _{Lab}	42.53, -5.23, 0.13
CIE _{LCh}	43, 5.232, 178.572
Yxy	12.8447, 0.2998, 0.3359
Android (android.graphics.Color)	4284180324 (0xFF5B6764)
YUV	99.0700, 0.4585, -7.0774
Hunter-Lab	35.8396, -5.6181, 2.0404

Details

The Hex color **5B6764** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **675B5E**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **8D9A97**, and **2D3835** is the 20% darker color. If you saturate the color by 10%, you get **516761**, and if you desaturate by 10%, it is **656767**.

Distribution



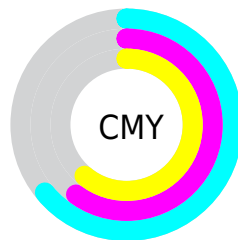
- Red (36%)
- Green (40%)
- Blue (39%)



- Red (36%)
- Yellow (38%)
- Blue (40%)



- Cyan (12%)
- Magenta (0%)
- Yellow (3%)
- Black (60%)



- Cyan (64%)
- Magenta (60%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B6764 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 5B6764 by changing the saturation by 10% instead.



5B6764



5B6764

FFFFFF



434F4C



8D9A97



2D3835



A8B5B1



182320



C3D0CD



000D09



DFEDE9



000000



FBFFFF



5B6764



5B6764



516761



656767



46675F



706769

■ 3C675C

■ 7A676C

■ 32675A

■ 84676E

■ 276757

■ 8F6771

■ 1D6755

■ 996773

■ 136752

■ A36776

■ 09674F

■ AD6779

■ 00674D

■ B8677B

Harmonies

Analogous

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



5F6660



5B6764



5A6768

Triad

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



5B6764



65636C



6C635D

Complementary

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



5B6764



675B5E

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.



6E6260



5B6764



6A6269

Square

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



5B6764



60656D



6D6265



68645C

Rectangle

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



5B6764



5B666B



6D6265



6D625E

Sweetspot

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



5B6764



838786



5E675B



424544



C4C4C4



454545

Same Dimension

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



5B6764



748782



5B6467



2E3332



007356



00F2B6

Inverse Universe

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



675B5E



877479



675E5B



332E2F



73001D



F2003D

Previews

White Background



This preview shows how the Hex color 5B6764 looks on a white background.

Color Contrast Check

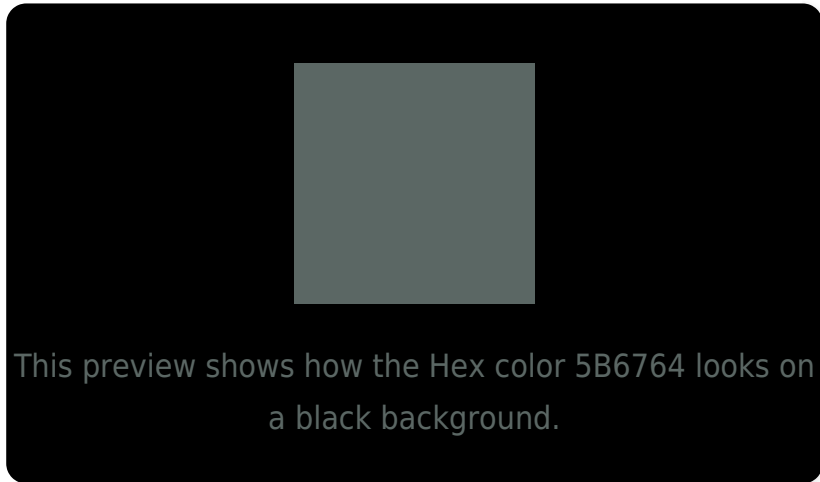
Large Text (above 18pt) WCAG AA ✓ Pass

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

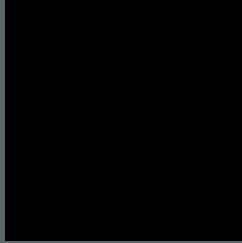
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

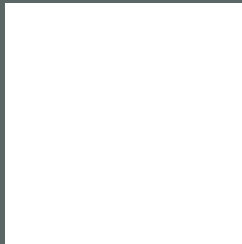
Any Text WCAG AAA × Fail

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

Hex 5B6764 Background



This preview shows how black text looks on a background with the Hex color 5B6764.



This preview shows how white text looks on a background with the Hex color 5B6764.

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
5B6764

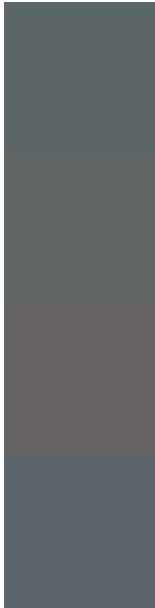
Protanopia
666462

Deuteranopia
6D6165



Tritanopia
5D666E

Trichromacy



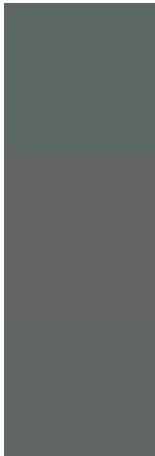
Original Color
5B6764

Protanomaly
626563

Deuteranomaly
666365

Tritanomaly
5C666A

Monochromacy



Original Color
5B6764

Achromatopsia
636363

Achromatomaly
606463

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B6764 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 #5B6764 looks like.

```
.text, #text, p{  
    color:#5B6764  
}
```

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 #5B6764 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B6764
}
```

Border

The CSS property to change the border of an element to Hex 5B6764 is called "border". The border property can be set on classes, ids or directly on the HTML element.

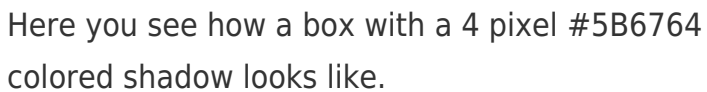
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid
#5B6764 }
```

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

```
.border{ border-color:#5B6764 }
```

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



Here you see how a box with a 4 pixel #5B6764 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B6764; -webkit-box-shadow:4px 4px  
4px 4px #5B6764; box-shadow:4px 4px 4px  
4px #5B6764 }
```

Background

The CSS property to change the background color of an element to Hex 5B6764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B6764 }
```

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

```
.background{ background-color:#5B6764 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor