

Converting Colors

Hex(5B716B)

Have a look what the booklet for
Hex(5B716B) contains.

Hex(5B716B)	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(5B716B)

Conversions

Conversions Part 1

Format	Color
Hex	5B716B
RGB	91, 113, 107
RGB Percent	36%, 44%, 42%
CMY	0.6431, 0.5569, 0.5804
CMYK	0.19, 0.00, 0.05, 0.56
HSL	164°, 11%, 40%
HSV	164°, 19%, 44%
XYZ	12.8734, 15.0959, 16.1452
YIQ	105.7380, -11.1860, -6.5300

Conversions

Conversions Part 2

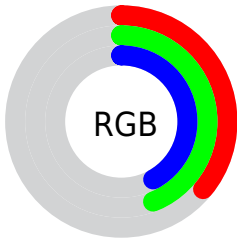
Format	Color
R_{YB}	91, 104, 113
Decimal	5992811
CIE Lab	45.77, -9.45, 0.63
CIE LCh	46, 9.475, 176.165
Yxy	15.0959, 0.2918, 0.3422
Android (android.graphics.Color)	4284182891 (0xFF5B716B)
YUV	105.7380, 0.6222, -12.9252
Hunter-Lab	38.8535, -8.8511, 2.5600

Details

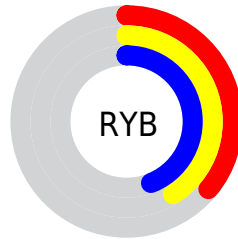
The Hex color **5B716B** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **715B61**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **8DA59E**, and **2D413C** is the 20% darker color. If you saturate the color by 10%, you get **507168**, and if you desaturate by 10%, it is **66716E**.

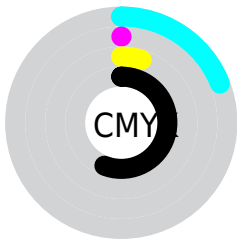
Distribution



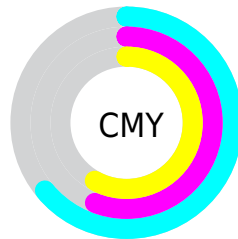
- Red (36%)
- Green (44%)
- Blue (42%)



- Red (36%)
- Yellow (41%)
- Blue (44%)



- Cyan (19%)
- Magenta (0%)
- Yellow (5%)
- Black (56%)



- Cyan (64%)
- Magenta (56%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B716B 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 5B716B by changing the saturation by 10% instead.



5B716B



5B716B

FFFFFF



435953



8DA59E



2D413C



A8C0B9



172B26



C3DCD5



001711



DFF8F1



000000



FCFFFF



5B716B



5B716B



507168



66716E



447165



727171

■ 397162

■ 7D7174

■ 2E715F

■ 887177

■ 23715C

■ 94717A

■ 177159

■ 9F717D

■ 0C7155

■ AA7181

■ 017152

■ B57184

■ 007152

■ C17187

Harmonies

Analogous

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



627063



5B716B



587173

Triad

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



5B716B



6D6B7B



7A695F

Complementary

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



5B716B



715B61

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.



7D6766



5B716B



766875

Square

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



5B716B



636D7C



7C676E



746B5D

Rectangle

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



5B716B



597077



7C676E



7C6861

Sweetspot

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



5B716B



8B9491



61715B



454A49



C9C9C9



4A4A4A

Same Dimension

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



5B716B



72948B



5B6C71



323837



007857



00F7B4

Inverse Universe

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



715B61



94727B



71605B



383234



780021



F70043

Previews

White Background



This preview shows how the Hex color 5B716B looks on a white background.

Color Contrast Check

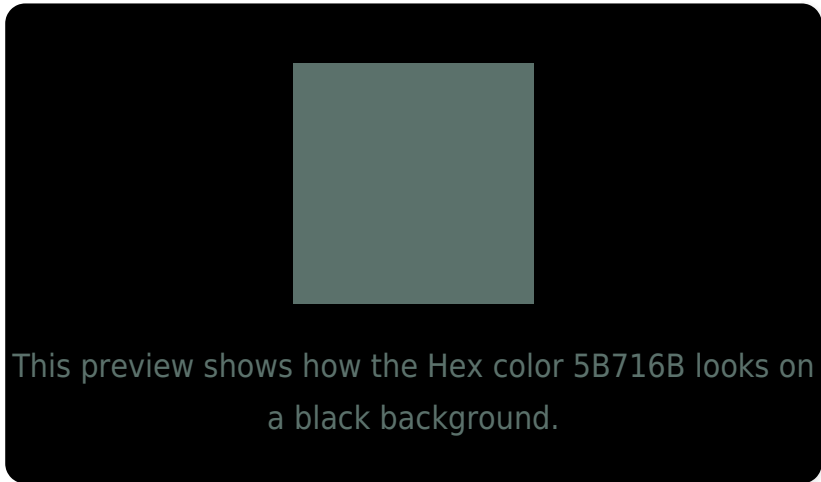
Large Text (above 18pt) WCAG AA ✓ Pass

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

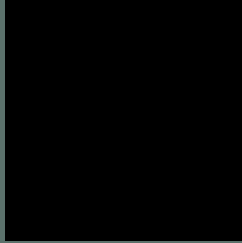
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

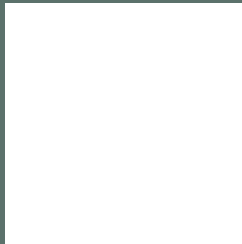
Any Text WCAG AAA × Fail

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

Hex 5B716B Background



This preview shows how black text looks on a background with the Hex color 5B716B.



This preview shows how white text looks on a background with the Hex color 5B716B.

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
5B716B

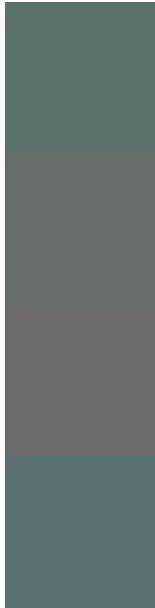
Protanopia
6F6C68

Deuteranopia
76696D



Tritanopia
5D6F78

Trichromacy



Original Color
5B716B

Protanomaly
686E69

Deuteranomaly
6C6C6C

Tritanomaly
5C7073

Monochromacy



Original Color
5B716B

Achromatopsia
6A6A6A

Achromatomaly
656D6A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B716B 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 #5B716B looks like.

```
.text, #text, p{  
    color:#5B716B  
}
```

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 #5B716B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B716B
}
```

Border

The CSS property to change the border of an element to Hex 5B716B 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
#5B716B }
```

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

```
.border{ border-color:#5B716B }
```

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

Here you see how a box with a 4 pixel #5B716B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B716B; -webkit-box-shadow:4px 4px  
4px 4px #5B716B; box-shadow:4px 4px 4px  
4px #5B716B }
```

Background

The CSS property to change the background color of an element to Hex 5B716B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B716B }
```

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

```
.background{ background-color:#5B716B }
```

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