

Converting Colors

Hex(5B8071)

Have a look what the booklet for
Hex(5B8071) contains.

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Color

Hex(5B8071)

Conversions

Conversions Part 1

Format	Color
Hex	5B8071
RGB	91, 128, 113
RGB Percent	36%, 50%, 44%
CMY	0.6431, 0.4980, 0.5569
CMYK	0.29, 0.00, 0.12, 0.50
HSL	156°, 17%, 43%
HSV	156°, 29%, 50%
XYZ	15.0142, 18.8547, 18.4708
YIQ	115.2270, -17.2370, -12.5090

Conversions

Conversions Part 2

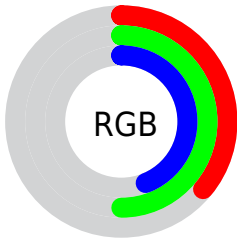
Format	Color
R_{YB}	91, 114, 128
Decimal	5996657
CIE Lab	50.52, -16.42, 3.97
CIE LCh	51, 16.897, 166.413
Yxy	18.8547, 0.2869, 0.3602
Android (android.graphics.Color)	4284186737 (0xFF5B8071)
YUV	115.2270, -1.0979, -21.2471
Hunter-Lab	43.4220, -14.2680, 5.1748

Details

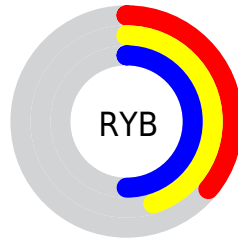
The Hex color **5B8071** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805B6A**, and the grayscale version is **737373**.

A 20% lighter version of the original color is **8EB5A5**, and **2B4F41** is the 20% darker color. If you saturate the color by 10%, you get **4E806C**, and if you desaturate by 10%, it is **688076**.

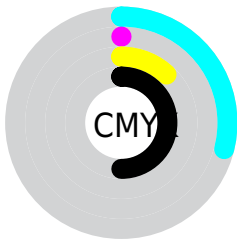
Distribution



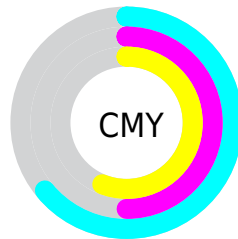
- Red (36%)
- Green (50%)
- Blue (44%)



- Red (36%)
- Yellow (45%)
- Blue (50%)



- Cyan (29%)
- Magenta (0%)
- Yellow (12%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (56%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8071 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 5B8071 by changing the saturation by 10% instead.

■ 5B8071

■ 5B8071

FFFFFF

■ 436759

■ 8EB5A5

■ 2B4F41

■ A9D1C0

■ 14382B

■ C4EDDC

■ 002217

■ E0FFF8

■ 000400

■ FDFFFF

■ 000000

■ 5B8071

■ 5B8071

■ 4E806C

■ 688076

■ 418067

■ 75807B

■ 358061

■ 818081

■ 28805C

■ 8E8086

■ 1B8057

■ 9B808B

■ 0E8052

■ A88090

■ 01804D

■ B58095

■ 00804C

■ C1809B

■ CE80A0

Harmonies

Analogous

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



6A7E64



5B8071



518080

Triad

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



5B8071



727794



937164

Complementary

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



5B8071



805B6A

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.



966E71



5B8071



84728C

Square

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



5B8071



5F7C94



916F7F



89755D

Rectangle

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



5B8071



508089



916F7F



957068

Sweetspot

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



5B8071



97A6A0



6A805B



4B5450



D4D4D4



545454

Same Dimension

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



5B8071



6CA68E



5B7D80



39403D



00804C



000000

Inverse Universe

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



805B6A



A66C83



805E5B



40393C



800034



000000

Previews

White Background



This preview shows how the Hex color 5B8071 looks on a white background.

Color Contrast Check

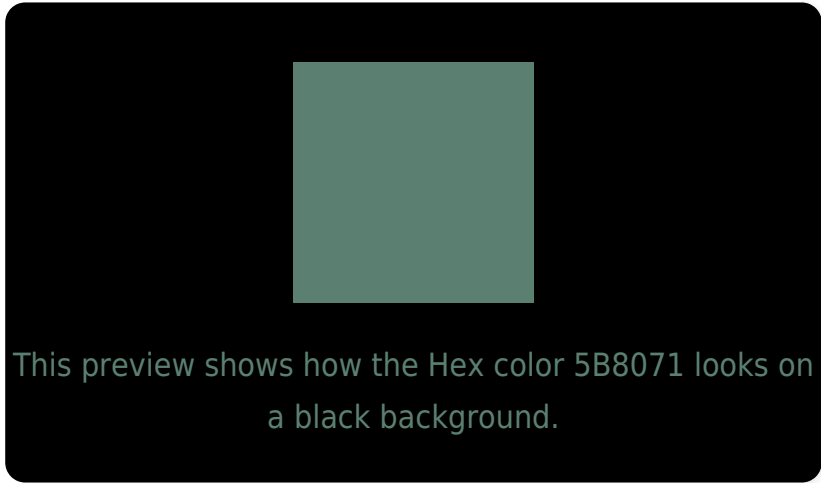
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

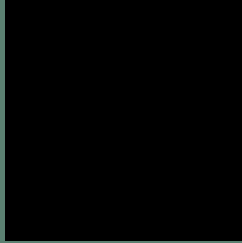
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

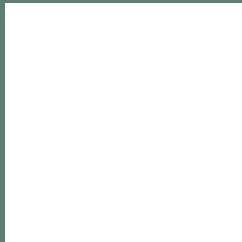
Any Text WCAG AAA × Fail

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

Hex 5B8071 Background



This preview shows how black text looks on a background with the Hex color 5B8071.

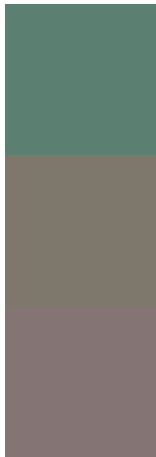


This preview shows how white text looks on a background with the Hex color 5B8071.

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
5B8071

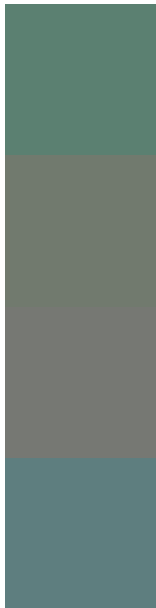
Protanopia
7D776C

Deuteranopia
857474



Tritanopia
607D87

Trichromacy



Original Color
5B8071

Protanomaly
717A6E

Deuteranomaly
767873

Tritanomaly
5E7E7F

Monochromacy



Original Color
5B8071

Achromatopsia
737373

Achromatomaly
6A7872

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8071 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 #5B8071 looks like.

```
.text, #text, p{  
    color:#5B8071  
}
```

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 #5B8071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8071
}
```

Border

The CSS property to change the border of an element to Hex 5B8071 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
#5B8071 }
```

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

```
.border{ border-color:#5B8071 }
```

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

Here you see how a box with a 4 pixel #5B8071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8071; -webkit-box-shadow:4px 4px  
4px 4px #5B8071; box-shadow:4px 4px 4px  
4px #5B8071 }
```

Background

The CSS property to change the background color of an element to Hex 5B8071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8071 }
```

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

```
.background{ background-color:#5B8071 }
```

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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