

Converting Colors

Hex(5B8078)

Have a look what the booklet for
Hex(5B8078) contains.

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Color

Hex(5B8078)

Conversions

Conversions Part 1

Format	Color
Hex	5B8078
RGB	91, 128, 120
RGB Percent	36%, 50%, 47%
CMY	0.6431, 0.4980, 0.5294
CMYK	0.29, 0.00, 0.06, 0.50
HSL	167°, 17%, 43%
HSV	167°, 29%, 50%
XYZ	15.4237, 19.0186, 20.6273
YIQ	116.0250, -19.4840, -10.3320

Conversions

Conversions Part 2

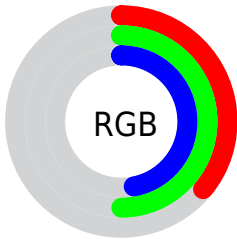
Format	Color
R_{YB}	91, 112, 128
Decimal	5996664
CIE _{Lab}	50.71, -14.82, 0.15
CIE _{LCh}	51, 14.817, 179.422
Yxy	19.0186, 0.2801, 0.3454
Android (android.graphics.Color)	4284186744 (0xFF5B8078)
YUV	116.0250, 1.9597, -21.9469
Hunter-Lab	43.6103, -13.1876, 2.4835

Details

The Hex color **5B8078** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **805B63**, and the grayscale version is **747474**.

A 20% lighter version of the original color is **8EB5AC**, and **2B4F48** is the 20% darker color. If you saturate the color by 10%, you get **4E8075**, and if you desaturate by 10%, it is **68807B**.

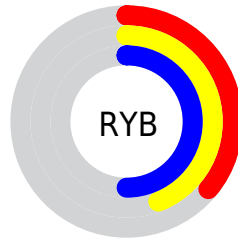
Distribution



Red (36%)

Green (50%)

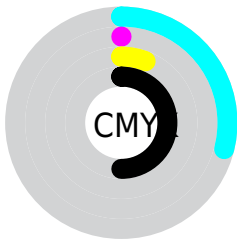
Blue (47%)



Red (36%)

Yellow (44%)

Blue (50%)

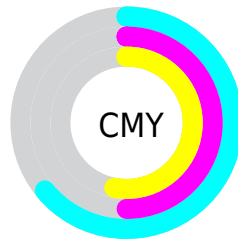


Cyan (29%)

Magenta (0%)

Yellow (6%)

Black (50%)



Cyan (64%)

Magenta (50%)

Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8078 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 5B8078 by changing the saturation by 10% instead.

■ 5B8078

■ 5B8078

FFFFFF

■ 43675F

■ 8EB5AC

■ 2B4F48

■ A9D1C8

■ 143831

■ C4EDE4

■ 00221C

■ E1FFFF

■ 000502

FEFFFF

■ 000000

■ 5B8078

■ 5B8078

■ 4E8075

■ 68807B

■ 418072

■ 75807E

■ 358070

■ 818080

■ 28806D

■ 8E8083

■ 1B806A

■ 9B8086

■ 0E8067

■ A88089

■ 018065

■ B5808B

■ 008064

■ C1808E

■ CE8091

Harmonies

Analogous

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



677F6C



5B8078



568085

Triad

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



5B8078



7B768F



8D7463

Complementary

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



5B8078



805B63

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.



93716D



5B8078



897286

Square

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



5B8078



6A7A92



917079



837860

Rectangle

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



5B8078



597E8B



917079



907266

Sweetspot

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



5B8078



97A6A3



63805B



4B5452



D4D4D4



545454

Same Dimension

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



5B8078



6CA699



5B7680



39403E



008064



000000

Inverse Universe

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



805B63



A66C78



80655B



40393B



80001C



000000

Previews

White Background



This preview shows how the Hex color 5B8078 looks on a white background.

Color Contrast Check

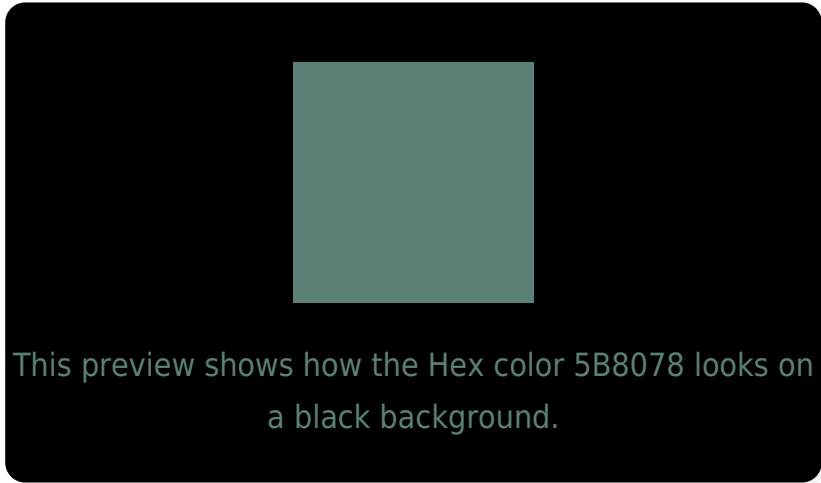
Large Text (above 18pt) WCAG AA ✓ Pass

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

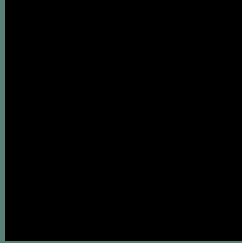
Any Text WCAG AA ✓ Pass

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 5B8078 Background



This preview shows how black text looks on a background with the Hex color 5B8078.

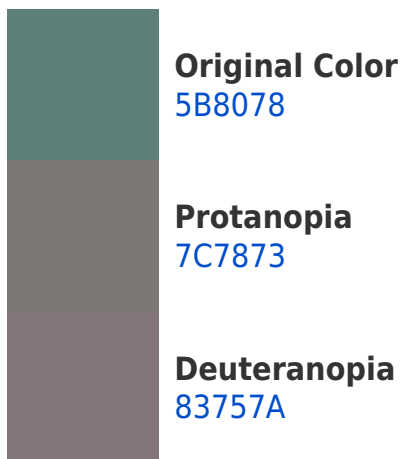


This preview shows how white text looks on a background with the Hex color 5B8078.

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





Tritanopia
5E7E88

Trichromacy



Original Color
5B8078

Protanomaly
707B75

Deuteranomaly
747979

Tritanomaly
5D7F82

Monochromacy



Original Color
5B8078

Achromatopsia
747474

Achromatomaly
6B7875

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8078 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 #5B8078 looks like.

```
.text, #text, p{  
    color:#5B8078  
}
```

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 #5B8078 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8078
}
```

Border

The CSS property to change the border of an element to Hex 5B8078 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
#5B8078 }
```

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

```
.border{ border-color:#5B8078 }
```

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

Here you see how a box with a 4 pixel #5B8078 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8078; -webkit-box-shadow:4px 4px  
4px 4px #5B8078; box-shadow:4px 4px 4px  
4px #5B8078 }
```

Background

The CSS property to change the background color of an element to Hex 5B8078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8078 }
```

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

```
.background{ background-color:#5B8078 }
```

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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