

Converting Colors

Hex(5B8677)

Have a look what the booklet for
Hex(5B8677) contains.

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Color

Hex(5B8677)

Conversions

Conversions Part 1

Format	Color
Hex	5B8677
RGB	91, 134, 119
RGB Percent	36%, 53%, 47%
CMY	0.6431, 0.4745, 0.5333
CMYK	0.32, 0.00, 0.11, 0.47
HSL	159°, 19%, 44%
HSV	159°, 32%, 53%
XYZ	16.1693, 20.6063, 20.5780
YIQ	119.4330, -20.8130, -13.7810

Conversions

Conversions Part 2

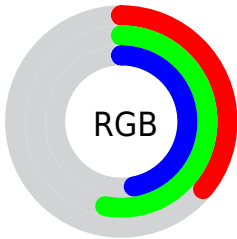
Format	Color
R_{YB}	91, 117, 134
Decimal	5998199
CIE _{Lab}	52.52, -18.28, 3.36
CIE _{LCh}	53, 18.585, 169.595
Yxy	20.6063, 0.2819, 0.3593
Android (android.graphics.Color)	4284188279 (0xFF5B8677)
YUV	119.4330, -0.2135, -24.9357
Hunter-Lab	45.3941, -15.8585, 4.8987

Details

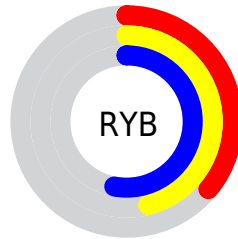
The Hex color **5B8677** is a dark color, and the websafe version is hex **669999**. A complement of this color would be **865B6A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8EBBAB**, and **2B5447** is the 20% darker color. If you saturate the color by 10%, you get **4E8672**, and if you desaturate by 10%, it is **68867C**.

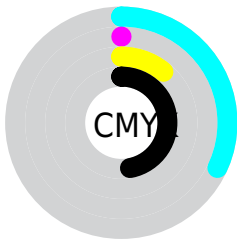
Distribution



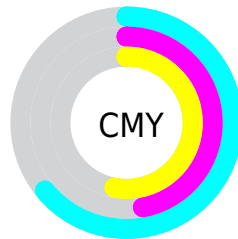
- Red (36%)
- Green (53%)
- Blue (47%)



- Red (36%)
- Yellow (46%)
- Blue (53%)



- Cyan (32%)
- Magenta (0%)
- Yellow (11%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8677 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 5B8677 by changing the saturation by 10% instead.

 5B8677

 5B8677

FFFFFF

 426D5E

 8EBBAB

 2B5447

 A9D7C6

 123D30

 C5F4E2

 00271C

 E1FFFF

 001001

FEFFFF

 000000

 5B8677

 5B8677

 4E8672

 68867C

 40866E

 768680

 338669

 838685

 258664

 91868A

 188660

 9E868E

 0B865B

 AB8693

 008657

 B98698

 C6869C

 D486A1

Harmonies

Analogous

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



6C8468



5B8677



508687

Triad

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



5B8677



797B9B



9A7566

Complementary

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



5B8677



865B6A

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.



9E7273



5B8677



8C7692

Square

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



5B8677



63809C



9A7284



8E7A5E

Rectangle

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



5B8677



508591



9A7284



9C746A

Sweetspot

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



5B8677



9CADA7



6A865B



4C5753



D6D6D6



575757

Same Dimension

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



5B8677



6AAD96



5B8086



3C4240



008255



000302

Inverse Universe

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



865B6A



AD6A81



86615B



423C3E



82002D



030001

Previews

White Background



This preview shows how the Hex color 5B8677 looks on a white background.

Color Contrast Check

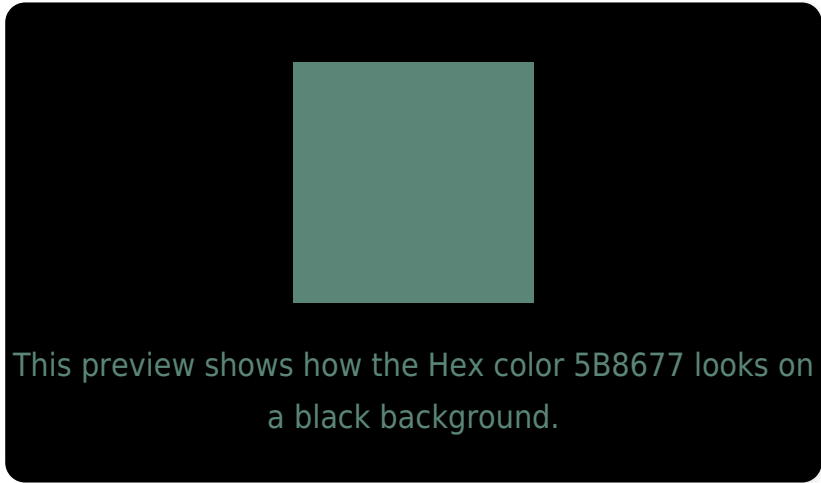
Large Text (above 18pt) WCAG AA ✓ Pass

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

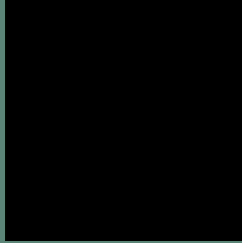
Any Text WCAG AA ✓ Pass

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 5B8677 Background



This preview shows how black text looks on a background with the Hex color 5B8677.

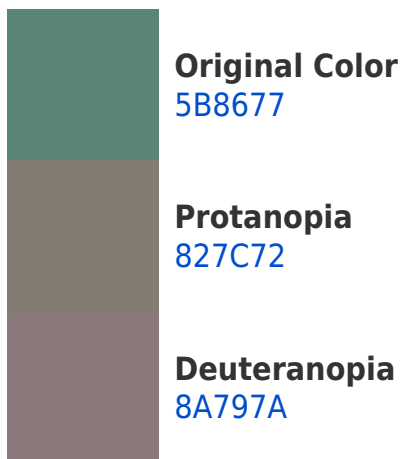



This preview shows how white text looks on a background with the Hex color 5B8677.

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](#).

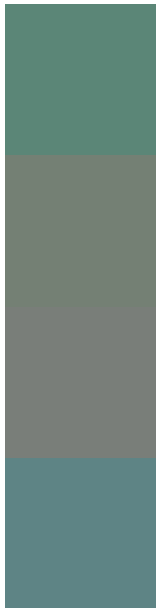
Dichromacy





Tritanopia
60838D

Trichromacy



Original Color
5B8677

Protanomaly
748074

Deuteranomaly
797E79

Tritanomaly
5E8485

Monochromacy



Original Color
5B8677

Achromatopsia
777777

Achromatomaly
6D7C77

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8677 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 #5B8677 looks like.

```
.text, #text, p{  
    color:#5B8677  
}
```

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 #5B8677 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8677
}
```

Border

The CSS property to change the border of an element to Hex 5B8677 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
#5B8677 }
```

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

```
.border{ border-color:#5B8677 }
```

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

Here you see how a box with a 4 pixel #5B8677 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8677; -webkit-box-shadow:4px 4px  
4px 4px #5B8677; box-shadow:4px 4px 4px  
4px #5B8677 }
```

Background

The CSS property to change the background color of an element to Hex 5B8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8677 }
```

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

```
.background{ background-color:#5B8677 }
```

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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