

# Converting Colors

Hex(5B8E6E)

Have a look what the booklet for  
Hex(5B8E6E) contains.

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# Color

Hex(5B8E6E)

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 5B8E6E                       |
| RGB         | 91, 142, 110                 |
| RGB Percent | 36%, 56%, 43%                |
| CMY         | 0.6431, 0.4431, 0.5686       |
| CMYK        | 0.36, 0.00, 0.23, 0.44       |
| HSL         | 142°, 22%, 46%               |
| HSV         | 142°, 36%, 56%               |
| XYZ         | 16.8019, 22.6959, 18.2471    |
| YIQ         | 123.1030, -20.1240, -20.7640 |

# Conversions

## Conversions Part 2

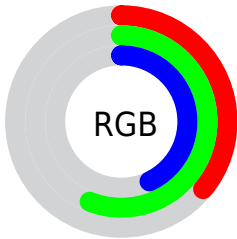
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>R<sub>YB</sub></b>               | 91, 128, 142                   |
| Decimal                             | 6000238                        |
| CIE <sub>Lab</sub>                  | 54.76, -24.38, 11.73           |
| CIE <sub>LCh</sub>                  | 55, 27.052, 154.302            |
| Yxy                                 | 22.6959, 0.2910,<br>0.3930     |
| Android<br>(android.graphics.Color) | 4284190318<br>(0xFF5B8E6E)     |
| YUV                                 | 123.1030, -6.4598,<br>-28.1543 |
| Hunter-Lab                          | 47.6403, -20.4167,<br>10.6391  |

# Details

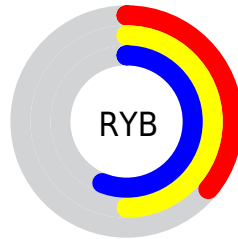
The Hex color **5B8E6E** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5B7B**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8FC4A2**, and **2A5B3E** is the 20% darker color. If you saturate the color by 10%, you get **4D8E65**, and if you desaturate by 10%, it is **698E77**.

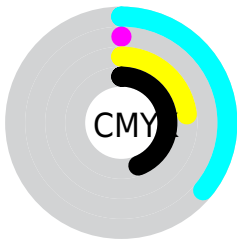
# Distribution



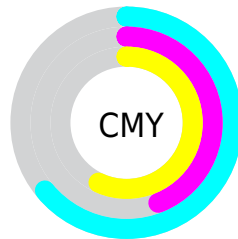
- Red (36%)
- Green (56%)
- Blue (43%)



- Red (36%)
- Yellow (50%)
- Blue (56%)



- Cyan (36%)
- Magenta (0%)
- Yellow (23%)
- Black (44%)



- Cyan (64%)
- Magenta (44%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 5B8E6E 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 5B8E6E by changing the saturation by 10% instead.





5B8E6E



5B8E6E

FFFFFF



427456



8FC4A2



2A5B3E



AAE0BD



104428



C6FDD8



002D14



E2FFF5



001900



000000



5B8E6E



5B8E6E



4D8E65



698E77



3F8E5C



778E80

■ 308E53

■ 868E89

■ 228E4A

■ 948E92

■ 148E41

■ A28E9B

■ 068E39

■ B08EA3

■ 008E35

■ BE8EAC

■ CD8EB5

■ DB8EBE

# Harmonies

## Analogous

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



77895C



5B8E6E



409086

# Triad

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



5B8E6E



6984B1



B0746A

# Complementary

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



5B8E6E



8E5B7B

# 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.



B07180



5B8E6E



8B7CAA

# Square

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



5B8E6E



458BAD



A47498



A47B59

# Rectangle

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



5B8E6E



348F95



A47498



B17271



# Sweetspot

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



5B8E6E



A3B8AB



7B8E5B



505C54



DBDBDB



5C5C5C



# Same Dimension

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



5B8E6E



69B886



5B8E87



404743



008732



000803



# Inverse Universe

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



8E5B7B



B8699A



8E5B62



474045



870055



080005



# Previews

## White Background



This preview shows how the Hex color 5B8E6E looks on a white background.

## Color Contrast Check

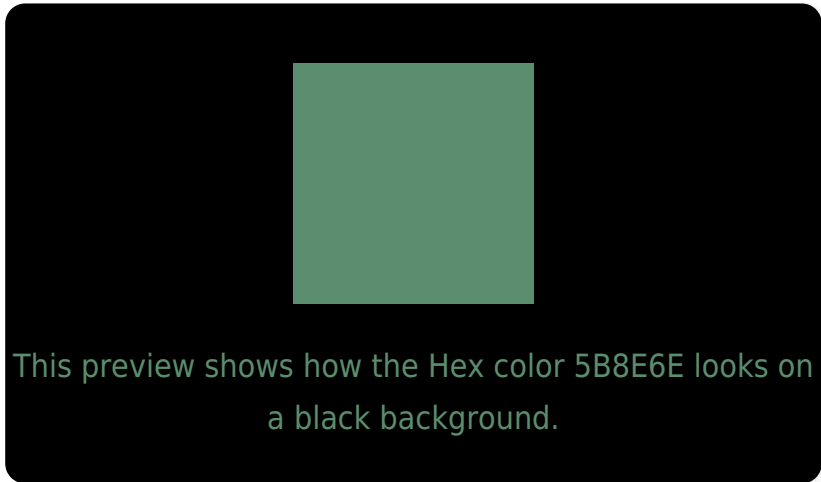
Large Text (above 18pt) WCAG AA ✓ Pass

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

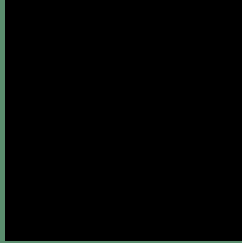
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 5B8E6E Background



This preview shows how black text looks on a background with the Hex color 5B8E6E.

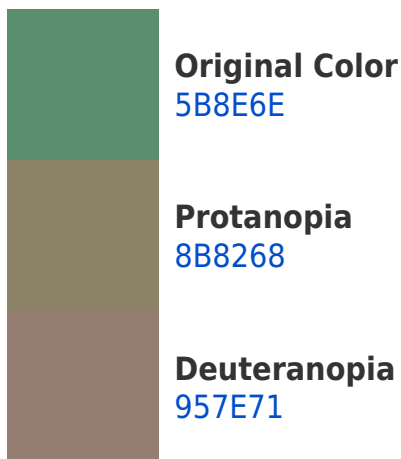


This preview shows how white text looks on a background with the Hex color 5B8E6E.

# 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**  
638994

# Trichromacy



**Original Color**  
5B8E6E

**Protanomaly**  
7A866A

**Deuteranomaly**  
808470

**Tritanomaly**  
608B86

# Monochromacy



**Original Color**  
5B8E6E

**Achromatopsia**  
7B7B7B

**Achromatomaly**  
6F8276

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 5B8E6E 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 #5B8E6E looks like.

```
.text, #text, p{  
    color:#5B8E6E  
}
```

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 #5B8E6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8E6E
}
```

## Border

The CSS property to change the border of an element to Hex 5B8E6E 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".

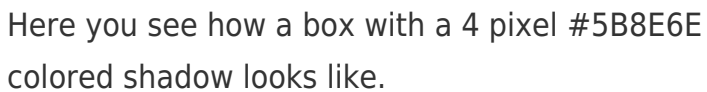
```
.border, #border, table{ border:4px solid
#5B8E6E }
```

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

```
.border{ border-color:#5B8E6E }
```

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

Here you see how a box with a 4 pixel #5B8E6E colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8E6E; -webkit-box-shadow:4px 4px  
4px 4px #5B8E6E; box-shadow:4px 4px 4px  
4px #5B8E6E }
```

# Background

The CSS property to change the background color of an element to Hex 5B8E6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8E6E }
```

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

```
.background{ background-color:#5B8E6E }
```

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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