

Converting Colors

Hex(5B8E6D)

Have a look what the booklet for
Hex(5B8E6D) contains.

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Color

Hex(5B8E6D)

Conversions

Conversions Part 1

Format	Color
Hex	5B8E6D
RGB	91, 142, 109
RGB Percent	36%, 56%, 43%
CMY	0.6431, 0.4431, 0.5725
CMYK	0.36, 0.00, 0.23, 0.44
HSL	141°, 22%, 46%
HSV	141°, 36%, 56%
XYZ	16.7477, 22.6743, 17.9619
YIQ	122.9890, -19.8030, -21.0750

Conversions

Conversions Part 2

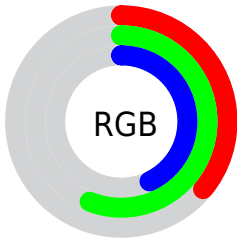
Format	Color
R_{YB}	91, 129, 142
Decimal	6000237
CIE _{Lab}	54.74, -24.58, 12.27
CIE _{LCh}	55, 27.473, 153.475
Yxy	22.6743, 0.2919, 0.3951
Android (android.graphics.Color)	4284190317 (0xFF5B8E6D)
YUV	122.9890, -6.8966, -28.0544
Hunter-Lab	47.6175, -20.5499, 10.9674

Details

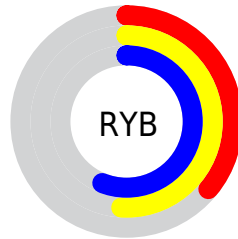
The Hex color **5B8E6D** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8E5B7C**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **8FC4A1**, and **2A5B3D** is the 20% darker color. If you saturate the color by 10%, you get **4D8E64**, and if you desaturate by 10%, it is **698E76**.

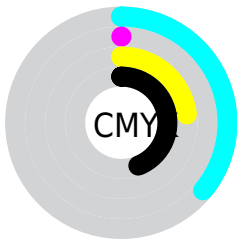
Distribution



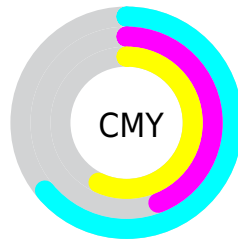
- Red (36%)
- Green (56%)
- Blue (43%)



- Red (36%)
- Yellow (51%)
- 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 5B8E6D 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 5B8E6D by changing the saturation by 10% instead.

 5B8E6D

 5B8E6D

FFFFFF

 427455

 8FC4A1

 2A5B3D

 AAE0BC

 104427

 C6FDD7

 002D13

 E2FFF4

 001900

 000000

 5B8E6D

 5B8E6D

 4D8E64

 698E76

 3F8E5B

 778E7F

 308E51

 868E89

 228E48

 948E92

 148E3F

 A28E9B

 068E36

 B08EA4

 008E32

 BE8EAD

 CD8EB7

 DB8EC0

Harmonies

Analogous

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



77895B



5B8E6D



3F9085

Triad

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



5B8E6D



6784B2



B0736A

Complementary

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



5B8E6D



8E5B7C

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.



B17181



5B8E6D



8A7CAB

Square

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



5B8E6D



438BAD



A37499



A57A59

Rectangle

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



5B8E6D



319095



A37499



B27271

Sweetspot

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



5B8E6D



A3B8AB



7C8E5B



505C54



DBDBDB



5C5C5C

Same Dimension

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



5B8E6D



69B885



5B8E86



404743



008730



000803

Inverse Universe

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



8E5B7C



B8699C



8E5B63



474045



870057



080005

Previews

White Background



This preview shows how the Hex color 5B8E6D looks on a white background.

Color Contrast Check

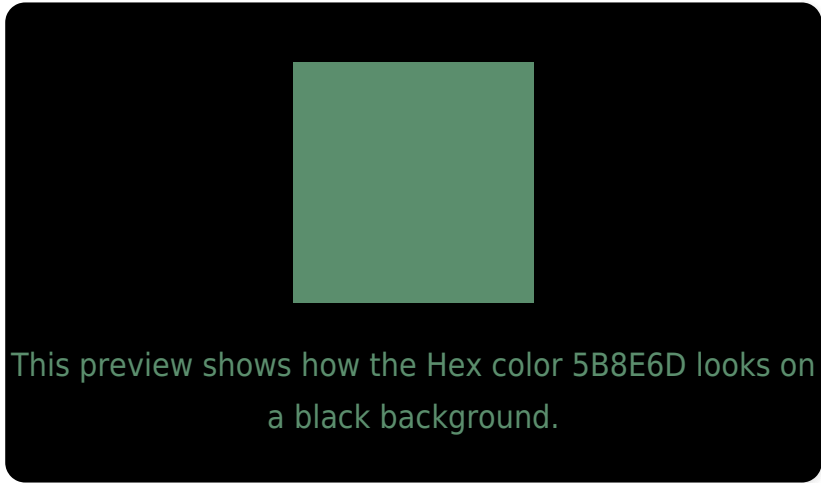
Large Text (above 18pt) WCAG AA ✓ Pass

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

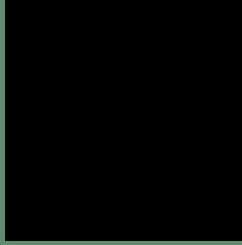
Any Text WCAG AA ✓ Pass

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 5B8E6D Background



This preview shows how black text looks on a background with the Hex color 5B8E6D.

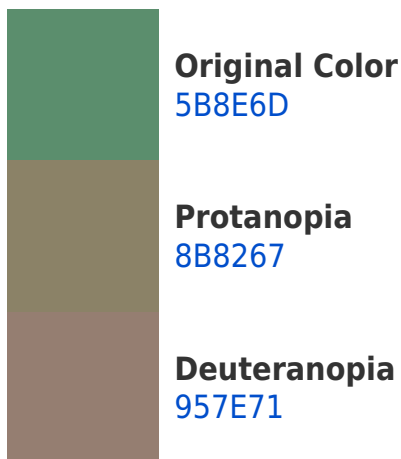


This preview shows how white text looks on a background with the Hex color 5B8E6D.

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



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8E6D 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 #5B8E6D looks like.

```
.text, #text, p{  
  color:#5B8E6D  
}
```

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 #5B8E6D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8E6D
}
```

Border

The CSS property to change the border of an element to Hex 5B8E6D 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
#5B8E6D }
```

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

```
.border{ border-color:#5B8E6D }
```

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

Here you see how a box with a 4 pixel #5B8E6D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8E6D; -webkit-box-shadow:4px 4px  
4px 4px #5B8E6D; box-shadow:4px 4px 4px  
4px #5B8E6D }
```

Background

The CSS property to change the background color of an element to Hex 5B8E6D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8E6D }
```

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

```
.background{ background-color:#5B8E6D }
```

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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