

Converting Colors

Hex(5B8760)

Have a look what the booklet for
Hex(5B8760) contains.

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Color

Hex(5B8760)

Conversions

Conversions Part 1

Format	Color
Hex	5B8760
RGB	91, 135, 96
RGB Percent	36%, 53%, 38%
CMY	0.6431, 0.4706, 0.6235
CMYK	0.33, 0.00, 0.29, 0.47
HSL	127°, 19%, 44%
HSV	127°, 33%, 53%
XYZ	15.0897, 20.3966, 14.2080
YIQ	117.3980, -13.7050, -21.4570

Conversions

Conversions Part 2

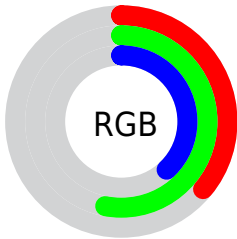
Format	Color
R_{YB}	91, 131, 135
Decimal	5998432
CIE _{Lab}	52.28, -23.58, 16.29
CIE _{LCh}	52, 28.660, 145.372
Yxy	20.3966, 0.3037, 0.4104
Android (android.graphics.Color)	4284188512 (0xFF5B8760)
YUV	117.3980, -10.5492, -23.1510
Hunter-Lab	45.1626, -19.3944, 12.9615

Details

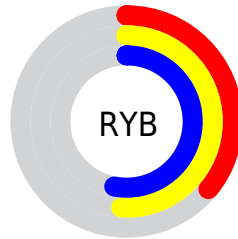
The Hex color **5B8760** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **875B82**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8FBD93**, and **2A5531** is the 20% darker color. If you saturate the color by 10%, you get **4E8754**, and if you desaturate by 10%, it is **69876C**.

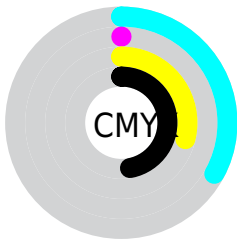
Distribution



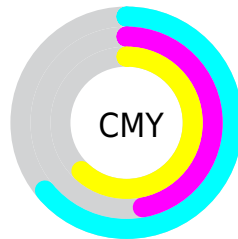
- Red (36%)
- Green (53%)
- Blue (38%)



- Red (36%)
- Yellow (51%)
- Blue (53%)



- Cyan (33%)
- Magenta (0%)
- Yellow (29%)
- Black (47%)



- Cyan (64%)
- Magenta (47%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8760 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 5B8760 by changing the saturation by 10% instead.

 5B8760

 5B8760


FFFFFF

 426D48

 8FBD93

 2A5531

 A9D8AD

 123D1C

 C5F5C9

 002703

 E1FFE5

 000F00

FEFFFF

 000000

 5B8760

 5B8760

 4E8754

 69876C

 408748

 768778

■ 33873C

■ 848784

■ 258730

■ 918790

■ 188724

■ 9F879C

■ 0A8718

■ AC87A8

■ 00870F

■ BA87B4

■ C787C0

■ D487CC

Harmonies

Analogous

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



788250



5B8760



3C8A78

Triad

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



5B8760



5380AD



AD6B69

Complementary

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



5B8760



875B82

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.



A96A82



5B8760



7A78A9

Square

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



5B8760



2B86A4



986F99



A37155

Rectangle

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



5B8760



278A89



986F99



AD6A71

Sweetspot

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



5B8760



9EB0A0



83875B



4F5950



D9D9D9



595959

Same Dimension

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



5B8760



6BB073



5B8775



3C423C



00820F



000300

Inverse Universe

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



875B82



B06BA8



875B6D



423C42



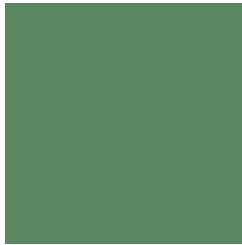
820073



030002

Previews

White Background



This preview shows how the Hex color 5B8760 looks on a white background.

Color Contrast Check

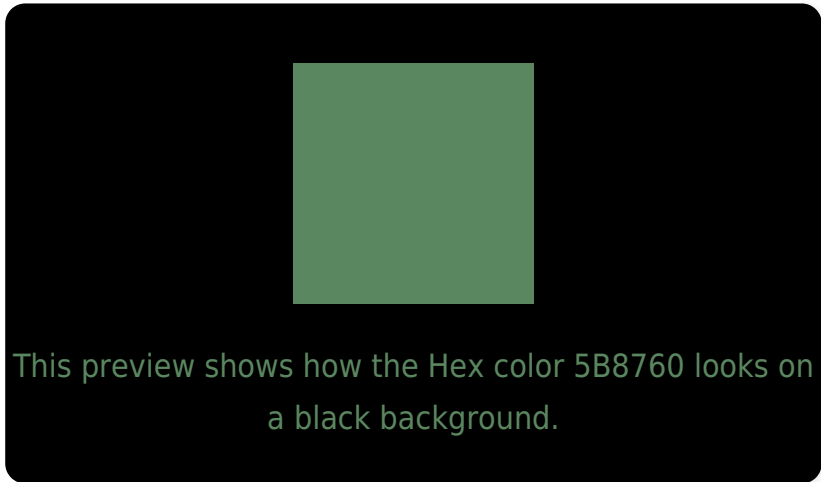
Large Text (above 18pt) WCAG AA ✓ Pass

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

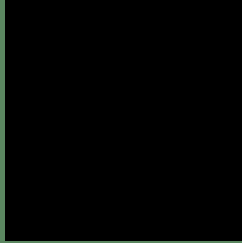
Any Text WCAG AA ✓ Pass

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 5B8760 Background



This preview shows how black text looks on a background with the Hex color 5B8760.

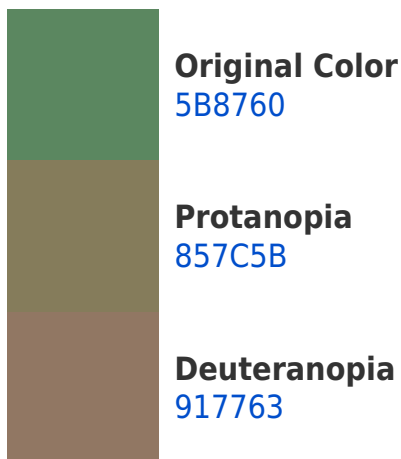



This preview shows how white text looks on a background with the Hex color 5B8760.

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
63818C

Trichromacy



Original Color
5B8760

Protanomaly
76805D

Deuteranomaly
7D7D62

Tritanomaly
60837C

Monochromacy



Original Color
5B8760

Achromatopsia
757575

Achromatomaly
6C7C6D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8760 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 #5B8760 looks like.

```
.text, #text, p{  
    color:#5B8760  
}
```

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 #5B8760 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8760
}
```

Border

The CSS property to change the border of an element to Hex 5B8760 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
#5B8760 }
```

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

```
.border{ border-color:#5B8760 }
```

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

Here you see how a box with a 4 pixel #5B8760 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8760; -webkit-box-shadow:4px 4px  
4px 4px #5B8760; box-shadow:4px 4px 4px  
4px #5B8760 }
```

Background

The CSS property to change the background color of an element to Hex 5B8760 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8760 }
```

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

```
.background{ background-color:#5B8760 }
```

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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