

Converting Colors

Hex(5B8A61)

Have a look what the booklet for
Hex(5B8A61) contains.

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Color

Hex(5B8A61)

Conversions

Conversions Part 1

Format	Color
Hex	5B8A61
RGB	91, 138, 97
RGB Percent	36%, 54%, 38%
CMY	0.6431, 0.4588, 0.6196
CMYK	0.34, 0.00, 0.30, 0.46
HSL	128°, 21%, 45%
HSV	128°, 34%, 54%
XYZ	15.5605, 21.2642, 14.5935
YIQ	119.2730, -14.8510, -22.7150

Conversions

Conversions Part 2

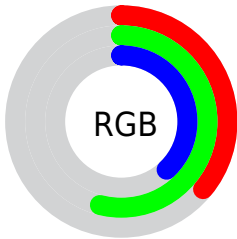
Format	Color
R_{YB}	91, 133, 138
Decimal	5999201
CIE _{Lab}	53.24, -24.91, 17.02
CIE _{LCh}	53, 30.172, 145.654
Yxy	21.2642, 0.3026, 0.4136
Android (android.graphics.Color)	4284189281 (0xFF5B8A61)
YUV	119.2730, -10.9806, -24.7954
Hunter-Lab	46.1131, -20.4644, 13.5155

Details

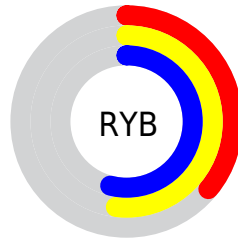
The Hex color **5B8A61** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8A5B84**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **8FC094**, and **2A5832** is the 20% darker color. If you saturate the color by 10%, you get **4D8A55**, and if you desaturate by 10%, it is **698A6D**.

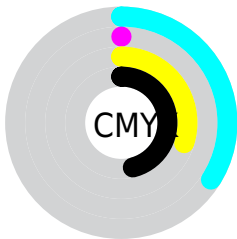
Distribution



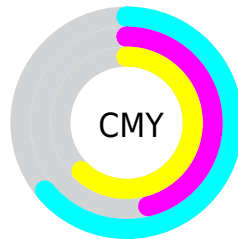
- Red (36%)
- Green (54%)
- Blue (38%)



- Red (36%)
- Yellow (52%)
- Blue (54%)



- Cyan (34%)
- Magenta (0%)
- Yellow (30%)
- Black (46%)



- Cyan (64%)
- Magenta (46%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8A61 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 5B8A61 by changing the saturation by 10% instead.



5B8A61



5B8A61

FFFFFF



427049



8FC094



2A5832



AADCAF



11401D



C5F8CA



002905



E2FFE6



001300



000000



5B8A61



5B8A61



4D8A55



698A6D



3F8A49



778A79

 328A3D

 848A85

 248A31

 928A91

 168A25

 A08A9D

 088A19

 AE8AA9

 008A12

 BC8AB5

 C98AC1

 D78ACD

Harmonies

Analogous

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



79844F



5B8A61



398D7A

Triad

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



5B8A61



5383B2



B16C6A

Complementary

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



5B8A61



8A5B84

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.



AE6B84



5B8A61



7D7AAE

Square

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



5B8A61



2589A9



9C719D



A87355

Rectangle

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



5B8A61



208D8C



9C719D



B26B72

Sweetspot

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



5B8A61



A1B3A3



858A5B



4F5950



D9D9D9



595959

Same Dimension

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



5B8A61



69B373



5B8A78



3E453F



008511



000501

Inverse Universe

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



8A5B84



B369A9



8A5B6D



453E44



850074



050004

Previews

White Background



This preview shows how the Hex color 5B8A61 looks on a white background.

Color Contrast Check

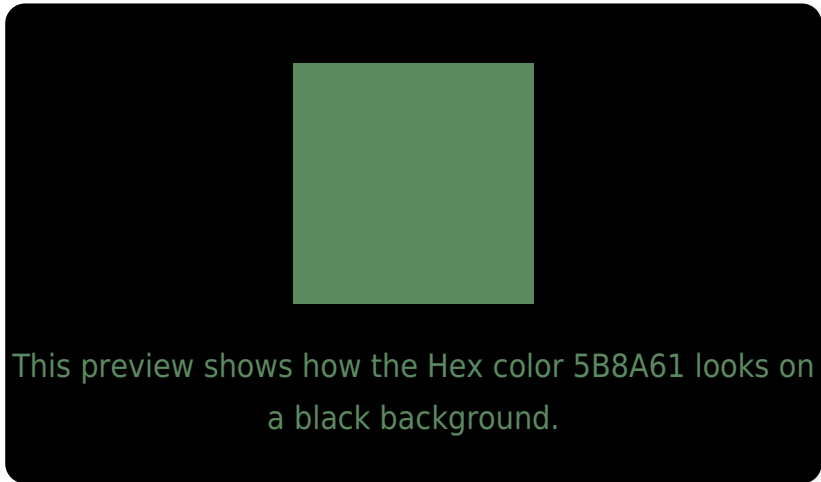
Large Text (above 18pt) WCAG AA ✓ Pass

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

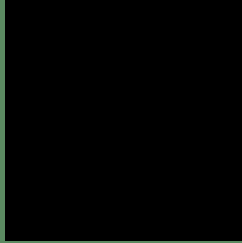
Any Text WCAG AA ✓ Pass

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 5B8A61 Background



This preview shows how black text looks on a background with the Hex color 5B8A61.



This preview shows how white text looks on a background with the Hex color 5B8A61.

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



Original Color
5B8A61

Protanopia
887F5C

Deuteranopia
947A65



Tritanopia
64848F

Trichromacy



Original Color
5B8A61

Protanomaly
78835E

Deuteranomaly
7F8064

Tritanomaly
61867E

Monochromacy



Original Color
5B8A61

Achromatopsia
777777

Achromatomaly
6D7E6F

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8A61 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 #5B8A61 looks like.

```
.text, #text, p{  
    color:#5B8A61  
}
```

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 #5B8A61 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8A61
}
```

Border

The CSS property to change the border of an element to Hex 5B8A61 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
#5B8A61 }
```

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

```
.border{ border-color:#5B8A61 }
```

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

Here you see how a box with a 4 pixel #5B8A61 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8A61; -webkit-box-shadow:4px 4px  
4px 4px #5B8A61; box-shadow:4px 4px 4px  
4px #5B8A61 }
```

Background

The CSS property to change the background color of an element to Hex 5B8A61 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8A61 }
```

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

```
.background{ background-color:#5B8A61 }
```

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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