

Converting Colors

Hex(5B8A56)

Have a look what the booklet for
Hex(5B8A56) contains.

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Color

Hex(5B8A56)

Conversions

Conversions Part 1

Format	Color
Hex	5B8A56
RGB	91, 138, 86
RGB Percent	36%, 54%, 34%
CMY	0.6431, 0.4588, 0.6627
CMYK	0.34, 0.00, 0.38, 0.46
HSL	114°, 23%, 44%
HSV	114°, 38%, 54%
XYZ	15.0826, 21.0730, 12.0767
YIQ	118.0190, -11.3200, -26.1360

Conversions

Conversions Part 2

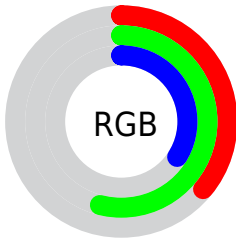
Format	Color
R_{YB}	86, 138, 133
Decimal	5999190
CIE _{Lab}	53.03, -26.84, 22.92
CIE _{LCh}	53, 35.299, 139.505
Yxy	21.0730, 0.3127, 0.4369
Android (android.graphics.Color)	4284189270 (0xFF5B8A56)
YUV	118.0190, -15.7854, -23.6957
Hunter-Lab	45.9053, -21.6867, 16.5359

Details

The Hex color **5B8A56** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **85568A**, and the grayscale version is **767676**.

A 20% lighter version of the original color is **8FC088**, and **2A5828** is the 20% darker color. If you saturate the color by 10%, you get **4F8A48**, and if you desaturate by 10%, it is **678A64**.

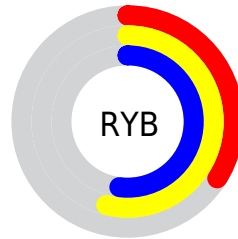
Distribution



Red (36%)

Green (54%)

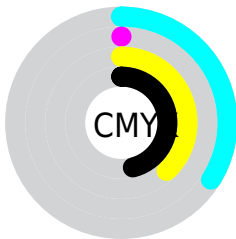
Blue (34%)



Red (34%)

Yellow (54%)

Blue (52%)

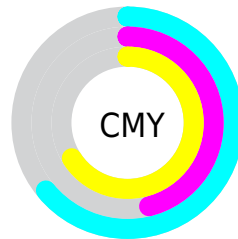


Cyan (34%)

Magenta (0%)

Yellow (38%)

Black (46%)



Cyan (64%)

Magenta (46%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8A56 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 5B8A56 by changing the saturation by 10% instead.

 5B8A56

 5B8A56

FFFFFF

 42703E

 8FC088

 2A5828

 AADCA3

 104012

 C6F8BE

 002900

 E2FFDA

 001300

 FFFFF6

 000000

 5B8A56

 5B8A56

 4F8A48

 678A64

 428A3A

 748A72

 368A2D

 808A7F

 298A1F

 8D8A8D

 1D8A11

 998A9B

 108A03

 A68AA9

 0D8A00

 B28AB7

 BF8AC4

 CB8AD2

Harmonies

Analogous

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



7E8344



5B8A56



2D8E73

Triad

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



5B8A56



3685BA



B9676C

Complementary

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



5B8A56



85568A

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.



B2678B



5B8A56



717BB8

Square

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



5B8A56



008CAC



9A6FA6



B06E52

Rectangle

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



5B8A56



008F88



9A6FA6



B96676

Sweetspot

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



5B8A56



A1B39F



8A8556



4F594E



D9D9D9



595959

Same Dimension

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



5B8A56



6AB362



568A6B



3F453E



0D8500



000500

Inverse Universe

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



85568A



AB62B3



8A5675



443E45



780085



050005

Previews

White Background



This preview shows how the Hex color 5B8A56 looks on a white background.

Color Contrast Check

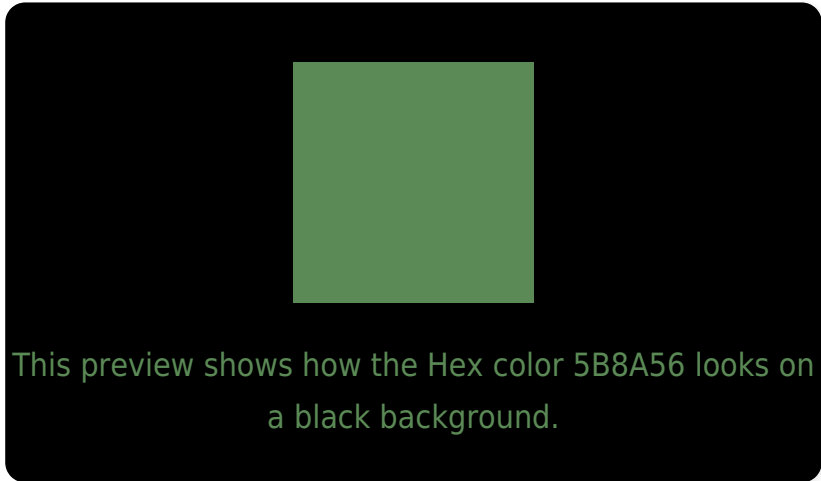
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B8A56 Background



This preview shows how black text looks on a background with the Hex color 5B8A56.



This preview shows how white text looks on a background with the Hex color 5B8A56.

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
5B8A56

Protanopia
897E51

Deuteranopia
96795A



Tritanopia
65838E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8A56 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 #5B8A56 looks like.

```
.text, #text, p{  
    color:#5B8A56  
}
```

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 #5B8A56 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8A56
}
```

Border

The CSS property to change the border of an element to Hex 5B8A56 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
#5B8A56 }
```

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

```
.border{ border-color:#5B8A56 }
```

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

Here you see how a box with a 4 pixel #5B8A56 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8A56; -webkit-box-shadow:4px 4px  
4px 4px #5B8A56; box-shadow:4px 4px 4px  
4px #5B8A56 }
```

Background

The CSS property to change the background color of an element to Hex 5B8A56 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8A56 }
```

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

```
.background{ background-color:#5B8A56 }
```

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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