

Converting Colors

Hex(5B8047)

Have a look what the booklet for
Hex(5B8047) contains.

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Color

Hex(5B8047)

Conversions

Conversions Part 1

Format	Color
Hex	5B8047
RGB	91, 128, 71
RGB Percent	36%, 50%, 28%
CMY	0.6431, 0.4980, 0.7216
CMYK	0.29, 0.00, 0.45, 0.50
HSL	99°, 29%, 39%
HSV	99°, 45%, 50%
XYZ	13.1709, 18.1174, 8.7641
YIQ	110.4390, -3.7550, -25.5710

Conversions

Conversions Part 2

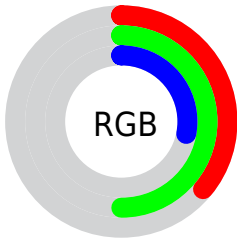
Format	Color
R_{YB}	71, 128, 108
Decimal	5996615
CIE _{Lab}	49.64, -24.18, 26.82
CIE _{LCh}	50, 36.111, 132.046
Yxy	18.1174, 0.3288, 0.4523
Android (android.graphics.Color)	4284186695 (0xFF5B8047)
YUV	110.4390, -19.4434, -17.0480
Hunter-Lab	42.5646, -19.2542, 17.5873

Details

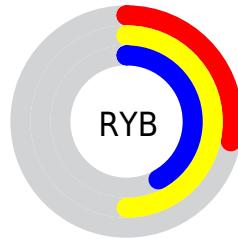
The Hex color **5B8047** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **6C4780**, and the grayscale version is **6F6F6F**.

A 20% lighter version of the original color is **8FB578**, and **2A4F19** is the 20% darker color. If you saturate the color by 10%, you get **53803A**, and if you desaturate by 10%, it is **638054**.

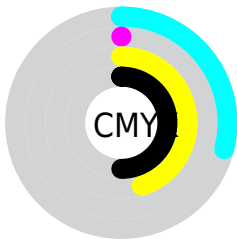
Distribution



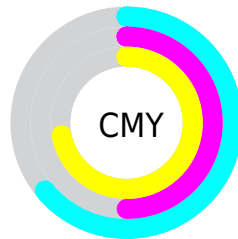
- Red (36%)
- Green (50%)
- Blue (28%)



- Red (28%)
- Yellow (50%)
- Blue (42%)



- Cyan (29%)
- Magenta (0%)
- Yellow (45%)
- Black (50%)



- Cyan (64%)
- Magenta (50%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8047 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 5B8047 by changing the saturation by 10% instead.

 5B8047

 5B8047

FFFFFF

 426730

 8FB578

 2A4F19

 AAD192

 133701

 C5EDAD

 002200

 E2FFC9

 000000

 FEFFE5

 5B8047

 5B8047

 53803A

 638054

 4A802D

 6C8061

 428021

 74806D

 3A8014

 7C807A

 318007

 858087

 2D8000

 8D8094

 9580A1

 9D80AD

 A680BA

Harmonies

Analogous

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



7D7838



5B8047



2E8562

Triad

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



5B8047



007EB0



B05D6B

Complementary

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



5B8047



6C4780

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.



A55F8A



5B8047



5A75B2

Square

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



5B8047



00849E



8969A4



AB634E

Rectangle

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



5B8047



008677



8969A4



AF5D75

Sweetspot

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



5B8047



98A690



806B47



4B5447



D4D4D4



545454

Same Dimension

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



5B8047



6DA64E



47804F



3C4039



2D8000



000000

Inverse Universe

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



6C4780



874EA6



804778



3E3940



530080



000000

Previews

White Background



This preview shows how the Hex color 5B8047 looks on a white background.

Color Contrast Check

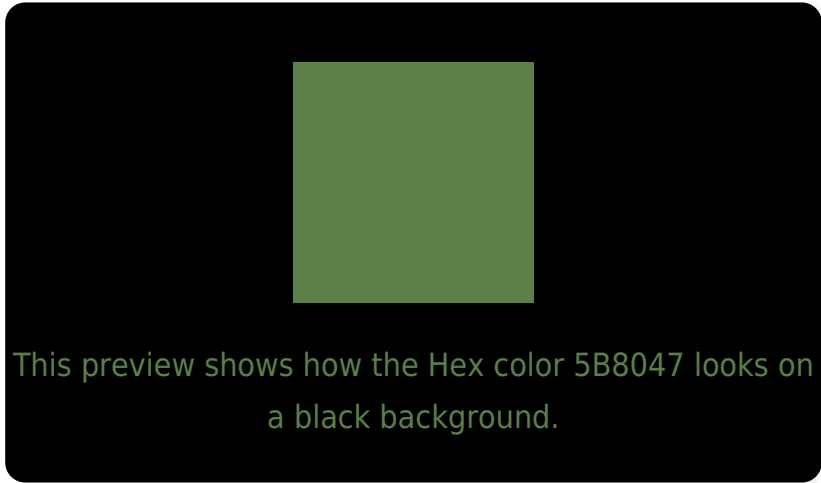
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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 5B8047 Background



This preview shows how black text looks on a background with the Hex color 5B8047.



This preview shows how white text looks on a background with the Hex color 5B8047.

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
5B8047

Protanopia
817643

Deuteranopia
8E704B



Tritanopia
647983

Trichromacy



Original Color
5B8047

Protanomaly
737A44

Deuteranomaly
7B764A

Tritanomaly
617C6D

Monochromacy



Original Color
5B8047

Achromatopsia
6E6E6E

Achromatomaly
677560

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8047 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 #5B8047 looks like.

```
.text, #text, p{  
    color:#5B8047  
}
```

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 #5B8047 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8047
}
```

Border

The CSS property to change the border of an element to Hex 5B8047 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
#5B8047 }
```

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

```
.border{ border-color:#5B8047 }
```

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

Here you see how a box with a 4 pixel #5B8047 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8047; -webkit-box-shadow:4px 4px  
4px 4px #5B8047; box-shadow:4px 4px 4px  
4px #5B8047 }
```

Background

The CSS property to change the background color of an element to Hex 5B8047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8047 }
```

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

```
.background{ background-color:#5B8047 }
```

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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