

Converting Colors

Hex(5C946B)

Have a look what the booklet for
Hex(5C946B) contains.

Hex(5C946B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5C946B)

Conversions

Conversions Part 1

Format	Color
Hex	5C946B
RGB	92, 148, 107
RGB Percent	36%, 58%, 42%
CMY	0.6392, 0.4196, 0.5804
CMYK	0.38, 0.00, 0.28, 0.42
HSL	136°, 23%, 47%
HSV	136°, 38%, 58%
XYZ	17.6574, 24.5167, 17.7115
YIQ	126.5820, -20.2150, -24.6230

Conversions

Conversions Part 2

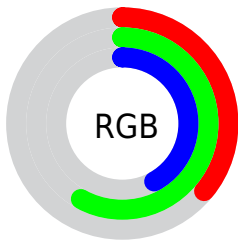
Format	Color
R_{YB}	92, 136, 148
Decimal	6067307
CIE _{Lab}	56.60, -27.64, 16.00
CIE _{LCh}	57, 31.935, 149.936
Yxy	24.5167, 0.2949, 0.4094
Android (android.graphics.Color)	4284257387 (0xFF5C946B)
YUV	126.5820, -9.6539, -30.3284
Hunter-Lab	49.5143, -22.9948, 13.4517

Details

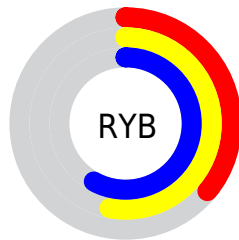
The Hex color **5C946B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945C85**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **90CA9F**, and **2A613B** is the 20% darker color. If you saturate the color by 10%, you get **4D9460**, and if you desaturate by 10%, it is **6B9476**.

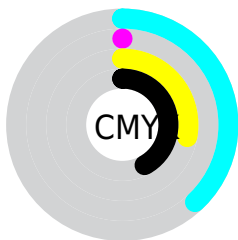
Distribution



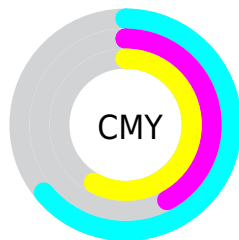
- Red (36%)
- Green (58%)
- Blue (42%)



- Red (36%)
- Yellow (53%)
- Blue (58%)



- Cyan (38%)
- Magenta (0%)
- Yellow (28%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C946B 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 5C946B by changing the saturation by 10% instead.



5C946B



5C946B

FFFFFF



437A53



90CA9F



2A613B



ABE7BA



0E4925



C7FFD5



003211



E4FFF2



001F00



000000



5C946B



5C946B



4D9460



6B9476



3E9455



7A9481

■ 30944A

■ 88948C

■ 219440

■ 979496

■ 129435

■ A694A1

■ 03942A

■ B594AC

■ 009428

■ C494B7

■ D294C2

■ E194CD

Harmonies

Analogous

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



7D8E57



5C946B



369787

Triad

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



5C946B



5F8ABF



BD746D

Complementary

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



5C946B



945C85

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.



BC7289



5C946B



8B81B8

Square

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



5C946B



2D92B7



AB77A4



B17C58

Rectangle

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



5C946B



1A979A



AB77A4



BE7376

Sweetspot

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



5C946B



AABFB0



85945C



546158



E0E0E0



616161

Same Dimension

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



5C946B



69BF80



5C9487



434A45



008A25



000A03

Inverse Universe

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



945C85



BF69A8



945C69



4A4348



8A0065



0A0007

Previews

White Background



This preview shows how the Hex color 5C946B looks on a white background.

Color Contrast Check

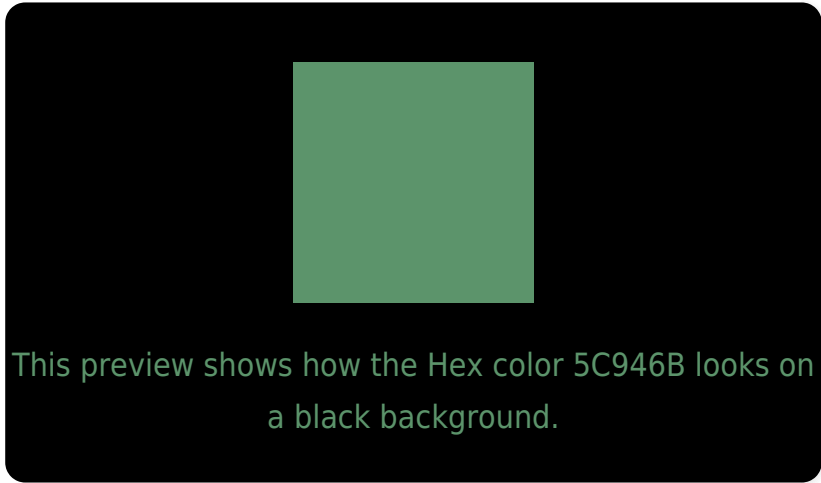
Large Text (above 18pt) WCAG AA ✓ Pass

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

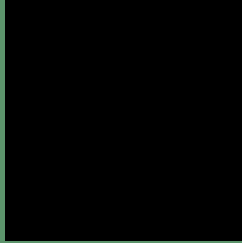
Any Text WCAG AA ✓ Pass

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 5C946B Background



This preview shows how black text looks on a background with the Hex color 5C946B.



This preview shows how white text looks on a background with the Hex color 5C946B.

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
668E99

Trichromacy



Original Color
5C946B

Protanomaly
7E8C67

Deuteranomaly
85896E

Tritanomaly
629088

Monochromacy



Original Color
5C946B

Achromatopsia
7F7F7F

Achromatomaly
728778

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C946B 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 #5C946B looks like.

```
.text, #text, p{  
    color:#5C946B  
}
```

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 #5C946B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C946B
}
```

Border

The CSS property to change the border of an element to Hex 5C946B 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
#5C946B }
```

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

```
.border{ border-color:#5C946B }
```

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

Here you see how a box with a 4 pixel #5C946B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C946B; -webkit-box-shadow:4px 4px  
4px 4px #5C946B; box-shadow:4px 4px 4px  
4px #5C946B }
```

Background

The CSS property to change the background color of an element to Hex 5C946B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C946B }
```

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

```
.background{ background-color:#5C946B }
```

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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