

Converting Colors

Hex(5B9477)

Have a look what the booklet for
Hex(5B9477) contains.

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Color

Hex(5B9477)

Conversions

Conversions Part 1

Format	Color
Hex	5B9477
RGB	91, 148, 119
RGB Percent	36%, 58%, 47%
CMY	0.6431, 0.4196, 0.5333
CMYK	0.39, 0.00, 0.20, 0.42
HSL	149°, 24%, 47%
HSV	149°, 39%, 58%
XYZ	18.2341, 24.7359, 21.2662
YIQ	127.6510, -24.6630, -21.1030

Conversions

Conversions Part 2

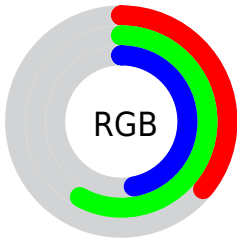
Format	Color
R_{YB}	91, 129, 148
Decimal	6001783
CIE _{Lab}	56.82, -25.50, 9.51
CIE _{LCh}	57, 27.211, 159.550
Yxy	24.7359, 0.2839, 0.3851
Android (android.graphics.Color)	4284191863 (0xFF5B9477)
YUV	127.6510, -4.2649, -32.1429
Hunter-Lab	49.7352, -21.5943, 9.4628

Details

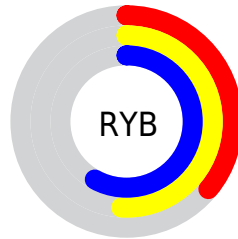
The Hex color **5B9477** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **945B78**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **8FCAAB**, and **286147** is the 20% darker color. If you saturate the color by 10%, you get **4C946F**, and if you desaturate by 10%, it is **6A947F**.

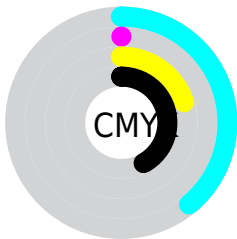
Distribution



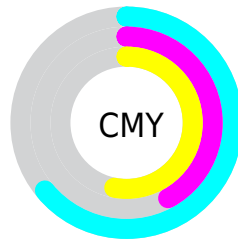
- Red (36%)
- Green (58%)
- Blue (47%)



- Red (36%)
- Yellow (51%)
- Blue (58%)



- Cyan (39%)
- Magenta (0%)
- Yellow (20%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9477 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 5B9477 by changing the saturation by 10% instead.

 5B9477

 5B9477

FFFFFF

 427A5E

 8FCAAB

 286147

 ABE7C7

 0C4930

 C6FFE3

 00321B

 E3FFFF

 001E01

 000000

 5B9477

 5B9477

 4C946F

 6A947F

 3D9468

 799486

 2F9460

 87948E

 209459

 969495

 119451

 A5949D

 02944A

 B494A4

 009449

 C394AC

 D194B3

 E094BB

Harmonies

Analogous

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



779063



5B9477



41958F

Triad

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



5B9477



7488B7



B47A6B

Complementary

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



5B9477



945B78

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.



B77681



5B9477



9580AD

Square

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



5B9477



508FB4



AD7999



A7815C

Rectangle

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



5B9477



38959F



AD7999



B77872

Sweetspot

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



5B9477



A8BFB4



78945B



53615A



E0E0E0



616161

Same Dimension

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



5B9477



67BF92



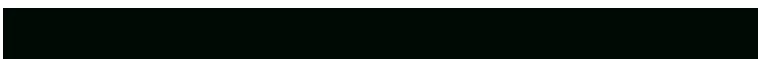
5B9493



434A46



008A44



000A05

Inverse Universe

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



945B78



BF6794



945B5C



4A4346



8A0046



0A0005

Previews

White Background



This preview shows how the Hex color 5B9477 looks on a white background.

Color Contrast Check

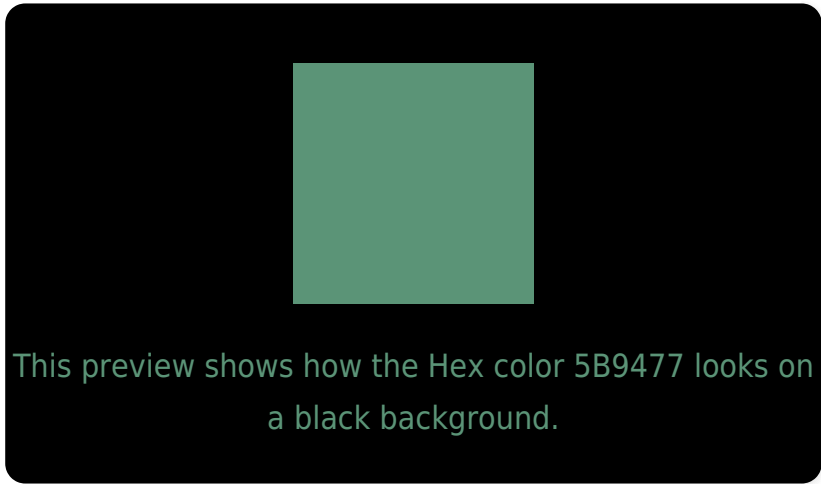
Large Text (above 18pt) WCAG AA ✓ Pass

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

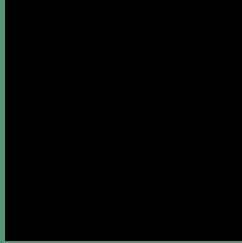
Any Text WCAG AA ✓ Pass

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 5B9477 Background



This preview shows how black text looks on a background with the Hex color 5B9477.

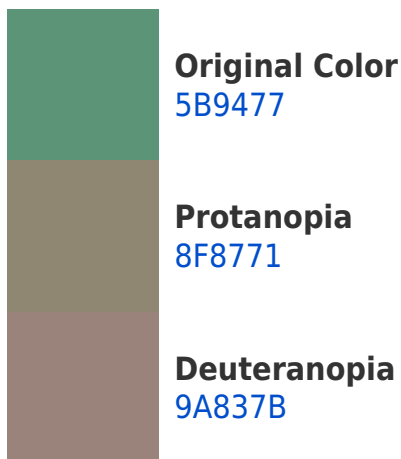


This preview shows how white text looks on a background with the Hex color 5B9477.

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
638F9B

Trichromacy



Original Color
5B9477

Protanomaly
7C8C73

Deuteranomaly
83897A

Tritanomaly
60918E

Monochromacy



Original Color
5B9477

Achromatopsia
808080

Achromatomaly
73877D

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9477 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 #5B9477 looks like.

```
.text, #text, p{  
    color:#5B9477  
}
```

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 #5B9477 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9477
}
```

Border

The CSS property to change the border of an element to Hex 5B9477 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
#5B9477 }
```

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

```
.border{ border-color:#5B9477 }
```

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

Here you see how a box with a 4 pixel #5B9477 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9477; -webkit-box-shadow:4px 4px  
4px 4px #5B9477; box-shadow:4px 4px 4px  
4px #5B9477 }
```

Background

The CSS property to change the background color of an element to Hex 5B9477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9477 }
```

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

```
.background{ background-color:#5B9477 }
```

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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