

Converting Colors

Hex(5B9967)

Have a look what the booklet for
Hex(5B9967) contains.

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Color

Hex(5B9967)

Conversions

Conversions Part 1

Format	Color
Hex	5B9967
RGB	91, 153, 103
RGB Percent	36%, 60%, 40%
CMY	0.6431, 0.4000, 0.5961
CMYK	0.41, 0.00, 0.33, 0.40
HSL	132°, 25%, 48%
HSV	132°, 41%, 60%
XYZ	18.1538, 25.9859, 16.8909
YIQ	128.7620, -20.9020, -28.6940

Conversions

Conversions Part 2

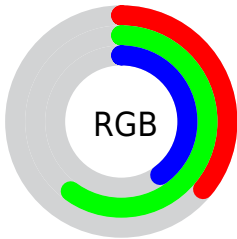
Format	Color
R_{YB}	91, 143, 153
Decimal	6003047
CIE _{Lab}	58.02, -31.12, 20.16
CIE _{LCh}	58, 37.081, 147.060
Yxy	25.9859, 0.2975, 0.4258
Android (android.graphics.Color)	4284193127 (0xFF5B9967)
YUV	128.7620, -12.7007, -33.1173
Hunter-Lab	50.9764, -25.6408, 16.0378

Details

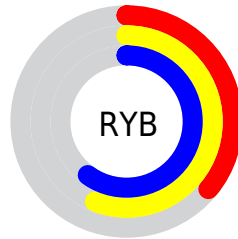
The Hex color **5B9967** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **995B8D**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **90D09A**, and **276537** is the 20% darker color. If you saturate the color by 10%, you get **4C995B**, and if you desaturate by 10%, it is **6A9973**.

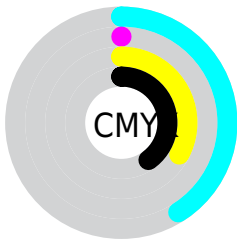
Distribution



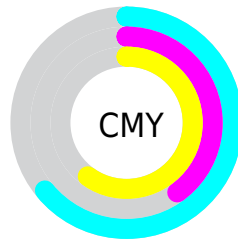
- Red (36%)
- Green (60%)
- Blue (40%)



- Red (36%)
- Yellow (56%)
- Blue (60%)



- Cyan (41%)
- Magenta (0%)
- Yellow (33%)
- Black (40%)



- Cyan (64%)
- Magenta (40%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9967 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 5B9967 by changing the saturation by 10% instead.



5B9967



5B9967

FFFFFF



417F4F



90D09A



276537



ABECB5



094D21



C7FFD1



00360C



E4FFED



002200



000000



5B9967



5B9967



4C995B



6A9973



3C994E



7A9980

 2D9942

 89998C

 1E9936

 989998

 0E9929

 A899A5

 00991E

 B799B1

 C699BD

 D599CA

 E599D6

Harmonies

Analogous

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



829250



5B9967



259C87

Triad

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



5B9967



5290CC



C97470

Complementary

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



5B9967



995B8D

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.



C67290



5B9967



8A84C5

Square

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



5B9967



0098C1



B178AF



BC7D56

Rectangle

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



5B9967



009C9D



B178AF



CA727A

Sweetspot

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



5B9967



AFC7B4



8E995B



566358



E3E3E3



636363

Same Dimension

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



5B9967



65C778



5B9985



454D46



008C1B



000D02

Inverse Universe

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



995B8D



C765B4



995B6F



4D454B



8C0071



0D000A

Previews

White Background



This preview shows how the Hex color 5B9967 looks on a white background.

Color Contrast Check

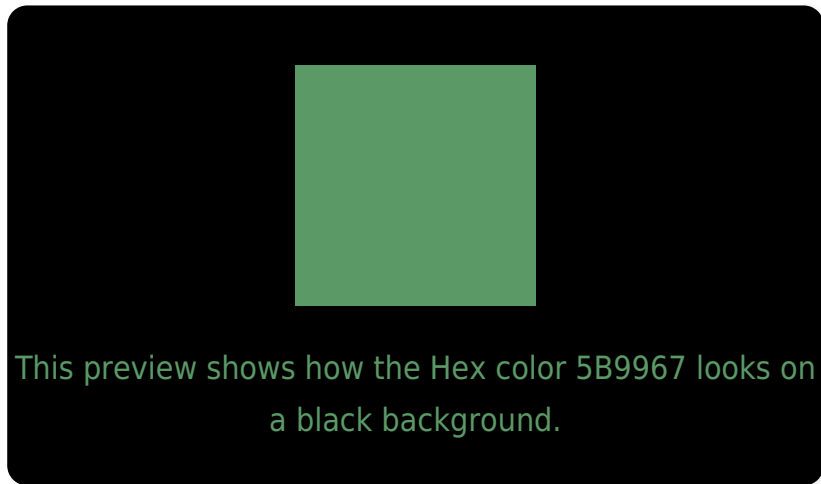
Large Text (above 18pt) WCAG AA ✓ Pass

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

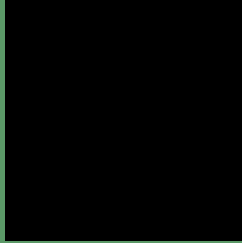
Any Text WCAG AA ✓ Pass

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 5B9967 Background



This preview shows how black text looks on a background with the Hex color 5B9967.



This preview shows how white text looks on a background with the Hex color 5B9967.

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
5B9967

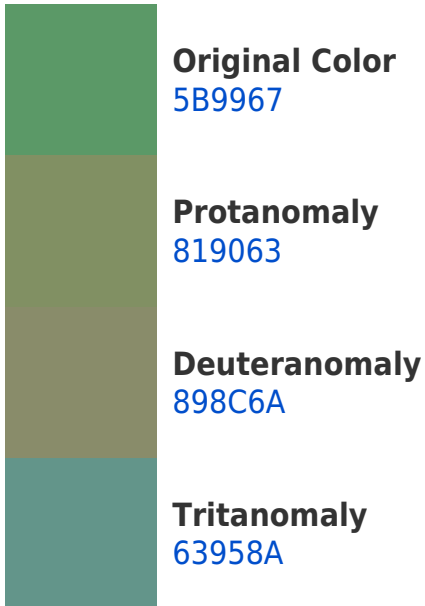
Protanopia
968B61

Deuteranopia
A3856B



Tritanopia
67929E

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9967 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 #5B9967 looks like.

```
.text, #text, p{  
    color:#5B9967  
}
```

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 #5B9967 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9967
}
```

Border

The CSS property to change the border of an element to Hex 5B9967 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
#5B9967 }
```

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

```
.border{ border-color:#5B9967 }
```

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

Here you see how a box with a 4 pixel #5B9967 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9967; -webkit-box-shadow:4px 4px  
4px 4px #5B9967; box-shadow:4px 4px 4px  
4px #5B9967 }
```

Background

The CSS property to change the background color of an element to Hex 5B9967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9967 }
```

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

```
.background{ background-color:#5B9967 }
```

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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