

Converting Colors

Hex(5B9A5B)

Have a look what the booklet for
Hex(5B9A5B) contains.

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Color

Hex(5B9A5B)

Conversions

Conversions Part 1

Format	Color
Hex	5B9A5B
RGB	91, 154, 91
RGB Percent	36%, 60%, 36%
CMY	0.6431, 0.3961, 0.6431
CMYK	0.41, 0.00, 0.41, 0.40
HSL	120°, 26%, 48%
HSV	120°, 41%, 60%
XYZ	17.7583, 26.0907, 13.9976
YIQ	127.9810, -17.3250, -32.9490

Conversions

Conversions Part 2

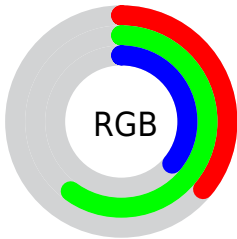
Format	Color
R_{YB}	91, 154, 154
Decimal	6003291
CIE _{Lab}	58.12, -33.65, 26.86
CIE _{LCh}	58, 43.059, 141.408
Yxy	26.0907, 0.3070, 0.4510
Android (android.graphics.Color)	4284193371 (0xFF5B9A5B)
YUV	127.9810, -18.2316, -32.4323
Hunter-Lab	51.0790, -27.3304, 19.5076

Details

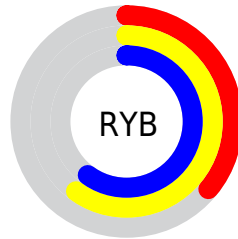
The Hex color **5B9A5B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **9A5B9A**, and the grayscale version is **808080**.

A 20% lighter version of the original color is **90D18E**, and **27662C** is the 20% darker color. If you saturate the color by 10%, you get **4C9A4C**, and if you desaturate by 10%, it is **6A9A6A**.

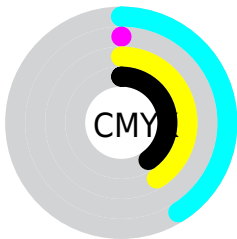
Distribution



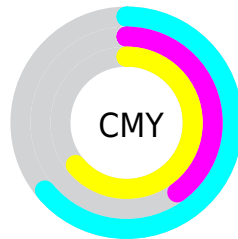
- Red (36%)
- Green (60%)
- Blue (36%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9A5B 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 5B9A5B by changing the saturation by 10% instead.

 5B9A5B

 5B9A5B

FFFFFF

 418043

 90D18E

 27662C

 ACEDA9

 064E15

 C8FFC4

 003600

 E4FFE0

 002300

FFFFFFD

 000000

 5B9A5B

 5B9A5B

 4C9A4C

 6A9A6A

 3C9A3C

 7A9A7A

 2D9A2D

 899A89

 1D9A1D

 999A99

 0E9A0E

 A89AA8

 009A00

 B79AB7

 C79AC7

 D69AD6

 E69AE6

Harmonies

Analogous

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



879243



5B9A5B



039E7F

Triad

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



5B9A5B



2693D6



D36E72

Complementary

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



5B9A5B



9A5B9A

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.



CC6D98



5B9A5B



7D86D2

Square

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



5B9A5B



009BC6



B077BB



C67852

Rectangle

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



5B9A5B



009F99



B077BB



D36C7F

Sweetspot

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



5B9A5B



B1C9B1



9A9A5B



586658



E6E6E6



666666

Same Dimension

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



5B9A5B



67C967



5B9A7A



454D45



008C00



000D00

Inverse Universe

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



9A5B9A



C967C9



9A5B7A



4D454D



8C008C



0D000D

Previews

White Background



This preview shows how the Hex color 5B9A5B looks on a white background.

Color Contrast Check

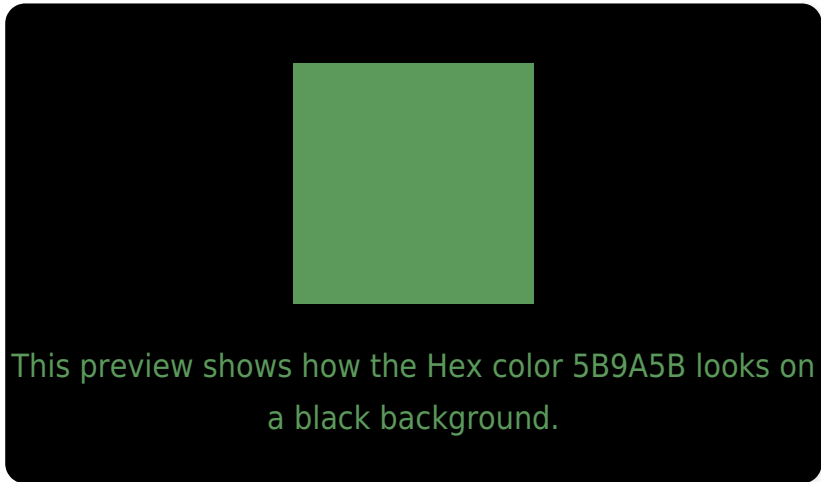
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9A5B Background



This preview shows how black text looks on a background with the Hex color 5B9A5B.

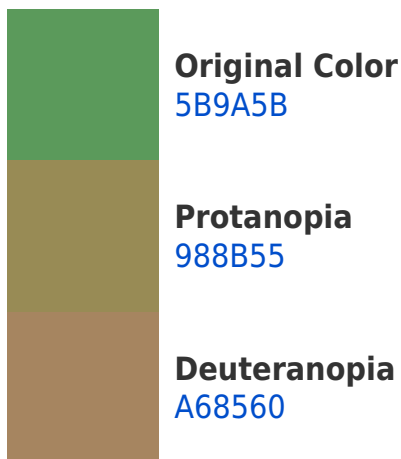


This preview shows how white text looks on a background with the Hex color 5B9A5B.

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
68929E

Trichromacy



Original Color
5B9A5B



Protanomaly
829057



Deuteranomaly
8B8D5E



Tritanomaly
639586

Monochromacy



Original Color
5B9A5B



Achromatopsia
808080



Achromatomaly
738973

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9A5B 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 #5B9A5B looks like.

```
.text, #text, p{  
    color:#5B9A5B  
}
```

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 #5B9A5B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9A5B
}
```

Border

The CSS property to change the border of an element to Hex 5B9A5B 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
#5B9A5B }
```

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

```
.border{ border-color:#5B9A5B }
```

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

Here you see how a box with a 4 pixel #5B9A5B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9A5B; -webkit-box-shadow:4px 4px  
4px 4px #5B9A5B; box-shadow:4px 4px 4px  
4px #5B9A5B }
```

Background

The CSS property to change the background color of an element to Hex 5B9A5B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9A5B }
```

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

```
.background{ background-color:#5B9A5B }
```

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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