

Converting Colors

Hex(5B9169)

Have a look what the booklet for
Hex(5B9169) contains.

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Color

Hex(5B9169)

Conversions

Conversions Part 1

Format	Color
Hex	5B9169
RGB	91, 145, 105
RGB Percent	36%, 57%, 41%
CMY	0.6431, 0.4314, 0.5882
CMYK	0.37, 0.00, 0.28, 0.43
HSL	136°, 23%, 46%
HSV	136°, 37%, 57%
XYZ	16.9896, 23.4949, 17.0041
YIQ	124.2940, -19.3440, -23.8880

Conversions

Conversions Part 2

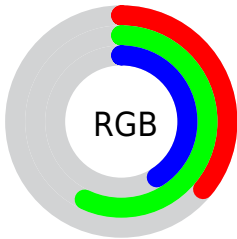
Format	Color
R_{YB}	91, 134, 145
Decimal	6001001
CIE _{Lab}	55.58, -26.87, 15.71
CIE _{LCh}	56, 31.127, 149.692
Y _{xy}	23.4949, 0.2955, 0.4087
Android (android.graphics.Color)	4284191081 (0xFF5B9169)
YUV	124.2940, -9.5119, -29.1988
Hunter-Lab	48.4715, -22.2597, 13.1307

Details

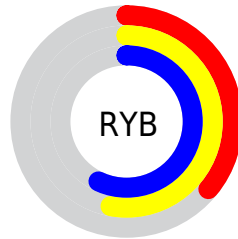
The Hex color **5B9169** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **915B83**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **8FC79C**, and **295E3A** is the 20% darker color. If you saturate the color by 10%, you get **4D915E**, and if you desaturate by 10%, it is **6A9174**.

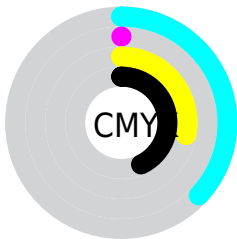
Distribution



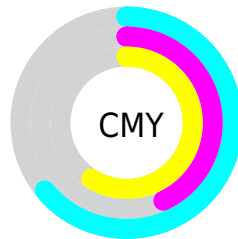
- Red (36%)
- Green (57%)
- Blue (41%)



- Red (36%)
- Yellow (53%)
- Blue (57%)



- Cyan (37%)
- Magenta (0%)
- Yellow (28%)
- Black (43%)



- Cyan (64%)
- Magenta (43%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9169 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 5B9169 by changing the saturation by 10% instead.

 5B9169

 5B9169

FFFFFF

 427751

 8FC79C

 295E3A

 AAE3B7

 0E4624

 C6FFD3

 002F0F

 E2FFE9

 001C00

 000000

 5B9169

 5B9169

 4D915E

 6A9174

 3E9154

 78917E

■ 2F9149

■ 879189

■ 21913E

■ 959194

■ 139133

■ A4919F

■ 049129

■ B291A9

■ 009126

■ C191B4

■ CF91BF

■ DE91CA

Harmonies

Analogous

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



7B8C55



5B9169



379484

Triad

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



5B9169



5E88BB



B9726C

Complementary

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



5B9169



915B83

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.



B77086



5B9169



887EB4

Square

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



5B9169



2E8FB3



A775A1



AD7A57

Rectangle

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



5B9169



1D9396



A775A1



BA7174

Sweetspot

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



5B9169



A8BDAD



84915B



525E55



DEDEDE



5E5E5E

Same Dimension

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



5B9169



68BD7E



5B9184



404742



008723



000802

Inverse Universe

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



915B83



BD68A7



915B69



474046



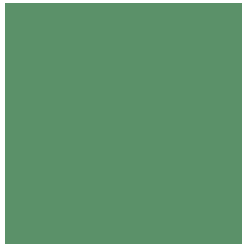
870064



080006

Previews

White Background



This preview shows how the Hex color 5B9169 looks on a white background.

Color Contrast Check

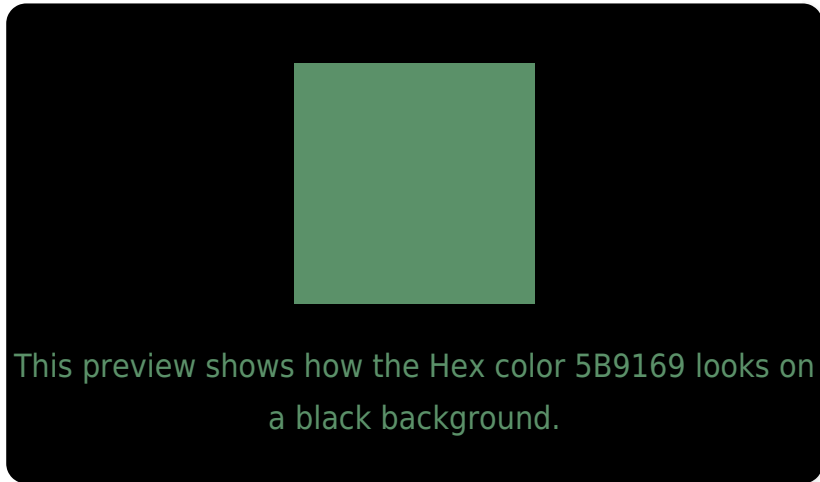
Large Text (above 18pt) WCAG AA ✓ Pass

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

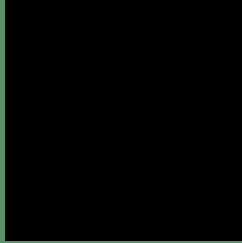
Any Text WCAG AA ✓ Pass

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 5B9169 Background



This preview shows how black text looks on a background with the Hex color 5B9169.

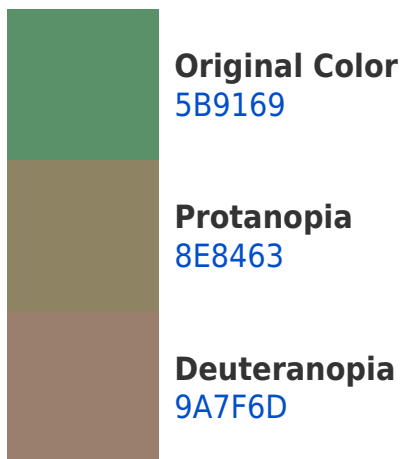


This preview shows how white text looks on a background with the Hex color 5B9169.

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
648B96

Trichromacy



Original Color
5B9169

Protanomaly
7B8965

Deuteranomaly
83866C

Tritanomaly
618D86

Monochromacy



Original Color
5B9169

Achromatopsia
7C7C7C

Achromatomaly
708475

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9169 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 #5B9169 looks like.

```
.text, #text, p{  
    color:#5B9169  
}
```

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 #5B9169 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9169
}
```

Border

The CSS property to change the border of an element to Hex 5B9169 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
#5B9169 }
```

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

```
.border{ border-color:#5B9169 }
```

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

Here you see how a box with a 4 pixel #5B9169 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9169; -webkit-box-shadow:4px 4px  
4px 4px #5B9169; box-shadow:4px 4px 4px  
4px #5B9169 }
```

Background

The CSS property to change the background color of an element to Hex 5B9169 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9169 }
```

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

```
.background{ background-color:#5B9169 }
```

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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