

Converting Colors

Hex(5B9058)

Have a look what the booklet for
Hex(5B9058) contains.

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Color

Hex(5B9058)

Conversions

Conversions Part 1

Format	Color
Hex	5B9058
RGB	91, 144, 88
RGB Percent	36%, 56%, 35%
CMY	0.6431, 0.4353, 0.6549
CMYK	0.37, 0.00, 0.39, 0.44
HSL	117°, 24%, 45%
HSV	117°, 39%, 56%
XYZ	16.0491, 22.8752, 12.8020
YIQ	121.7690, -13.6120, -28.6520

Conversions

Conversions Part 2

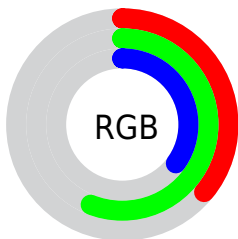
Format	Color
R_YB	88, 144, 141
Decimal	6000728
CIE _{Lab}	54.94, -29.43, 24.34
CIE _{LCh}	55, 38.191, 140.413
Yxy	22.8752, 0.3103, 0.4422
Android (android.graphics.Color)	4284190808 (0xFF5B9058)
YUV	121.7690, -16.6481, -26.9844
Hunter-Lab	47.8281, -23.8020, 17.6097

Details

The Hex color **5B9058** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **8D5890**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **8FC68B**, and **295D29** is the 20% darker color. If you saturate the color by 10%, you get **4D904A**, and if you desaturate by 10%, it is **699066**.

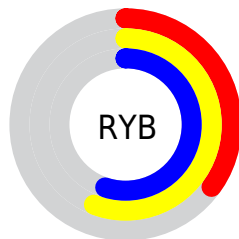
Distribution



Red (36%)

Green (56%)

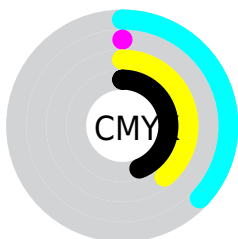
Blue (35%)



Red (35%)

Yellow (56%)

Blue (55%)

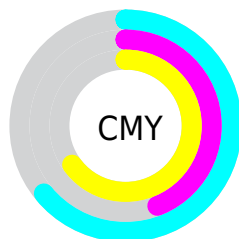


Cyan (37%)

Magenta (0%)

Yellow (39%)

Black (44%)



Cyan (64%)

Magenta (44%)

Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B9058 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 5B9058 by changing the saturation by 10% instead.

 5B9058

 5B9058

FFFFFF

 427640

 8FC68B

 295D29

 AAE2A5

 0D4513

 C6FFC0

 002E00

 E3FFDC

 001A00

 FFFFF9

 000000

 5B9058

 5B9058

 4D904A

 699066

 40903B

 769075

 32902D

 849083

 24901E

 929092

 179010

 9F90A0

 099002

 AD90AE

 089000

 BA90BD

 C890CB

 D690DA

Harmonies

Analogous

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



818944



5B9058



249477

Triad

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



5B9058



328AC4



C26A6E

Complementary

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



5B9058



8D5890

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.



BC6990



5B9058



767FC1

Square

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



5B9058



0091B6



A272AE



B87252

Rectangle

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



5B9058



00958E



A272AE



C26879

Sweetspot

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



5B9058



A5BAA4



908C58



525E51



DEDEDE



5E5E5E

Same Dimension

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



5B9058



67BA63



589070



414740



078700



000800

Inverse Universe

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



8D5890



B563BA



905878



474047



800087



070008

Previews

White Background



This preview shows how the Hex color 5B9058 looks on a white background.

Color Contrast Check

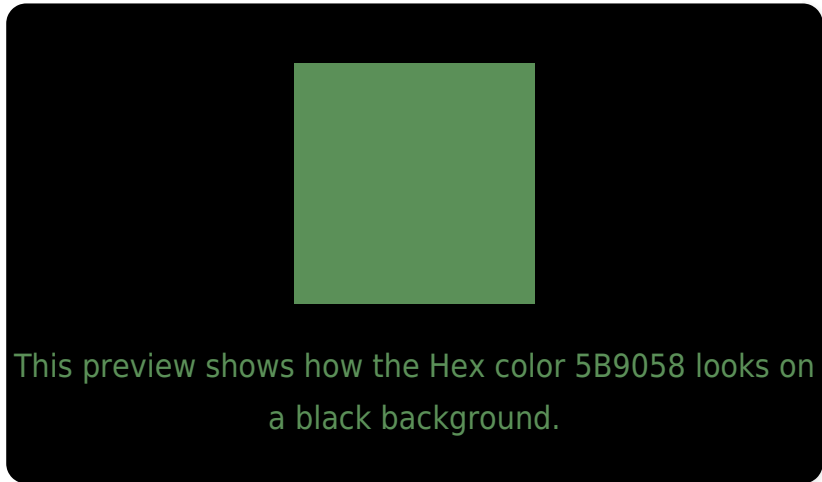
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B9058 Background



This preview shows how black text looks on a background with the Hex color 5B9058.



This preview shows how white text looks on a background with the Hex color 5B9058.

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
5B9058

Protanopia
8F8353

Deuteranopia
9C7D5C



Tritanopia
668994

Trichromacy



Original Color
5B9058

Protanomaly
7C8855

Deuteranomaly
84845B

Tritanomaly
628C7E

Monochromacy



Original Color
5B9058

Achromatopsia
7A7A7A

Achromatomaly
6F826E

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B9058 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 #5B9058 looks like.

```
.text, #text, p{  
    color:#5B9058  
}
```

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 #5B9058 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B9058
}
```

Border

The CSS property to change the border of an element to Hex 5B9058 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
#5B9058 }
```

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

```
.border{ border-color:#5B9058 }
```

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

Here you see how a box with a 4 pixel #5B9058 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B9058; -webkit-box-shadow:4px 4px  
4px 4px #5B9058; box-shadow:4px 4px 4px  
4px #5B9058 }
```

Background

The CSS property to change the background color of an element to Hex 5B9058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B9058 }
```

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

```
.background{ background-color:#5B9058 }
```

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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