

Converting Colors

Hex(5B8951)

Have a look what the booklet for
Hex(5B8951) contains.

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Color

Hex(5B8951)

Conversions

Conversions Part 1

Format	Color
Hex	5B8951
RGB	91, 137, 81
RGB Percent	36%, 54%, 32%
CMY	0.6431, 0.4627, 0.6824
CMYK	0.34, 0.00, 0.41, 0.46
HSL	109°, 26%, 43%
HSV	109°, 41%, 54%
XYZ	14.7452, 20.7095, 11.0048
YIQ	116.8620, -9.4400, -27.1680

Conversions

Conversions Part 2

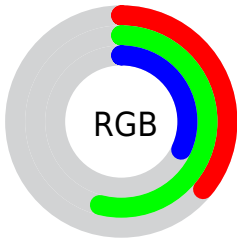
Format	Color
R_{YB}	81, 137, 127
Decimal	5998929
CIE _{Lab}	52.63, -27.16, 25.17
CIE _{LCh}	53, 37.025, 137.178
Yxy	20.7095, 0.3174, 0.4458
Android (android.graphics.Color)	4284189009 (0xFF5B8951)
YUV	116.8620, -17.6800, -22.6810
Hunter-Lab	45.5077, -21.8017, 17.5178

Details

The Hex color **5B8951** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **7F5189**, and the grayscale version is **757575**.

A 20% lighter version of the original color is **8FBF83**, and **2A5723** is the 20% darker color. If you saturate the color by 10%, you get **508943**, and if you desaturate by 10%, it is **66895F**.

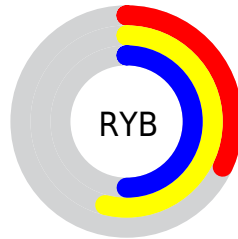
Distribution



Red (36%)

Green (54%)

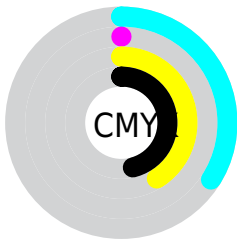
Blue (32%)



Red (32%)

Yellow (54%)

Blue (50%)

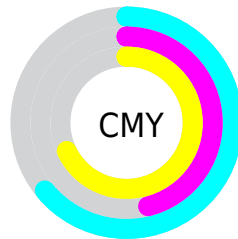


Cyan (34%)

Magenta (0%)

Yellow (41%)

Black (46%)



Cyan (64%)

Magenta (46%)

Yellow (68%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B8951 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 5B8951 by changing the saturation by 10% instead.

 5B8951

 5B8951

FFFFFF

 426F39

 8FBF83

 2A5723

 AADB9D

 103F0C

 C6F7B8

 002900

 E2FFD4

 001100

 FFFFF1

 000000

 5B8951

 5B8951

 508943

 66895F

 448936

 72896C

■ 398928

■ 7D897A

■ 2E891A

■ 888988

■ 23890D

■ 938996

■ 188900

■ 9F89A3

■ AA89B1

■ B589BF

■ C089CC

Harmonies

Analogous

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



7F813F



5B8951



2A8D6E

Triad

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



5B8951



2485BB



BA646C

Complementary

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



5B8951



7F5189

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.



B2658D



5B8951



6B7ABA

Square

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



5B8951



008BAB



976EA9



B26C50

Rectangle

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



5B8951



008E84



976EA9



BA6377

Sweetspot

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



5B8951



A1B39D



897F51



4F594D



D9D9D9



595959

Same Dimension

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



5B8951



6BB35B



518963



3F453E



188500



010500

Inverse Universe

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



7F5189



A35BB3



895177



443E45



6D0085



040005

Previews

White Background



This preview shows how the Hex color 5B8951 looks on a white background.

Color Contrast Check

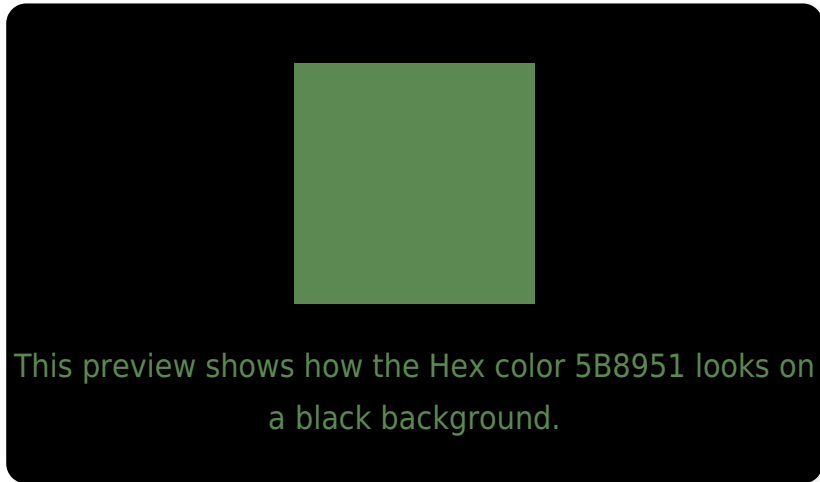
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B8951 Background



This preview shows how black text looks on a background with the Hex color 5B8951.




This preview shows how white text looks on a background with the Hex color 5B8951.

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
65828C

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 5B8951 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 #5B8951 looks like.

```
.text, #text, p{  
    color:#5B8951  
}
```

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 #5B8951 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B8951
}
```

Border

The CSS property to change the border of an element to Hex 5B8951 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
#5B8951 }
```

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

```
.border{ border-color:#5B8951 }
```

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

Here you see how a box with a 4 pixel #5B8951 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B8951; -webkit-box-shadow:4px 4px  
4px 4px #5B8951; box-shadow:4px 4px 4px  
4px #5B8951 }
```

Background

The CSS property to change the background color of an element to Hex 5B8951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B8951 }
```

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

```
.background{ background-color:#5B8951 }
```

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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