

Converting Colors

Hex(5B954B)

Have a look what the booklet for
Hex(5B954B) contains.

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Color

Hex(5B954B)

Conversions

Conversions Part 1

Format	Color
Hex	5B954B
RGB	91, 149, 75
RGB Percent	36%, 58%, 29%
CMY	0.6431, 0.4157, 0.7059
CMYK	0.39, 0.00, 0.50, 0.42
HSL	107°, 33%, 44%
HSV	107°, 50%, 58%
XYZ	16.3318, 24.2270, 10.4721
YIQ	123.2220, -10.8140, -35.3100

Conversions

Conversions Part 2

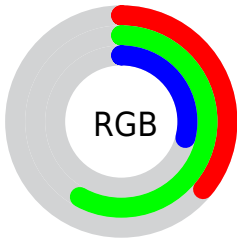
Format	Color
RYB	75, 149, 133
Decimal	6001995
CIELab	56.31, -33.73, 33.05
CIELCh	56, 47.219, 135.584
Yxy	24.2270, 0.3200, 0.4748
Android (android.graphics.Color)	4284192075 (0xFF5B954B)
YUV	123.2220, -23.7734, -28.2587
Hunter-Lab	49.2210, -26.9093, 21.8403

Details

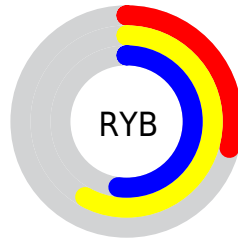
The Hex color **5B954B** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **854B95**, and the grayscale version is **7B7B7B**.

A 20% lighter version of the original color is **90CC7D**, and **27621B** is the 20% darker color. If you saturate the color by 10%, you get **4F953C**, and if you desaturate by 10%, it is **67955A**.

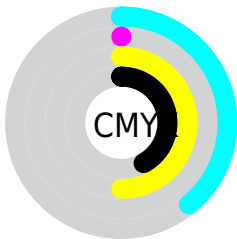
Distribution



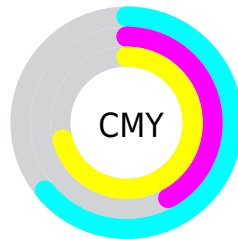
- Red (36%)
- Green (58%)
- Blue (29%)



- Red (29%)
- Yellow (58%)
- Blue (52%)



- Cyan (39%)
- Magenta (0%)
- Yellow (50%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B954B 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 5B954B by changing the saturation by 10% instead.



5B954B



5B954B

FFFFFF



417B33



90CC7D



27621B



ACE898



074902



C8FFB3



003200



E4FFCF



001E00



FFFFEB



000000



5B954B



5B954B



4F953C



67955A



44952D



729569

 38951E

 7E9578

 2C950F

 8A9587

 219500

 959596

 209500

 A195A4

 AD95B3

 B895C2

 C495D1

Harmonies

Analogous

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



8A8C33



5B954B



009A71

Triad

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



5B954B



0091D6



D46473

Complementary

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



5B954B



854B95

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.



C8669D



5B954B



6784D6

Square

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



5B954B



0099C1



A573C1



C96E4E

Rectangle

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



5B954B



009B8E



A573C1



D26381

Sweetspot

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



5B954B



ABC2A5



95854B



53614F



E0E0E0



616161

Same Dimension

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



5B954B



67C24E



4B9560



444A43



1E8A00



020A00

Inverse Universe

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



854B95



A94EC2



954B80



48434A



6C008A



08000A

Previews

White Background



This preview shows how the Hex color 5B954B looks on a white background.

Color Contrast Check

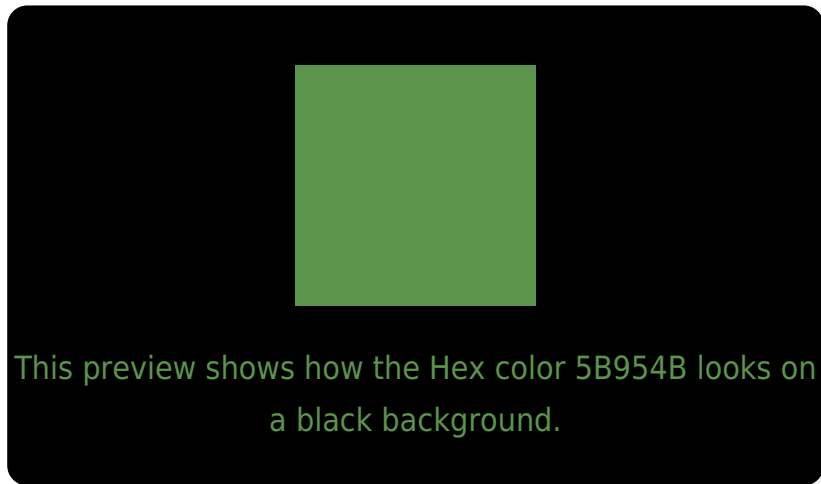
Large Text (above 18pt) WCAG AA ✓ Pass

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

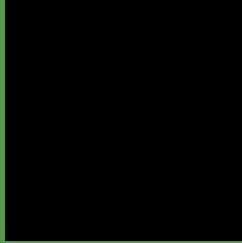
Any Text WCAG AA ✓ Pass

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 5B954B Background



This preview shows how black text looks on a background with the Hex color 5B954B.



This preview shows how white text looks on a background with the Hex color 5B954B.

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
5B954B

Protanopia
948746

Deuteranopia
A38050



Tritanopia
698D98

Trichromacy



Original Color
5B954B

Protanomaly
7F8C48

Deuteranomaly
89884E

Tritanomaly
64907C

Monochromacy



Original Color
5B954B

Achromatopsia
7B7B7B

Achromatomaly
6F846A

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B954B 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 #5B954B looks like.

```
.text, #text, p{  
    color:#5B954B  
}
```

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 #5B954B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B954B
}
```

Border

The CSS property to change the border of an element to Hex 5B954B 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
#5B954B }
```

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

```
.border{ border-color:#5B954B }
```

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

Here you see how a box with a 4 pixel #5B954B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B954B; -webkit-box-shadow:4px 4px  
4px 4px #5B954B; box-shadow:4px 4px 4px  
4px #5B954B }
```

Background

The CSS property to change the background color of an element to Hex 5B954B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B954B }
```

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

```
.background{ background-color:#5B954B }
```

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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