

Converting Colors

Hex(5B963A)

Have a look what the booklet for
Hex(5B963A) contains.

Hex(5B963A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(5B963A)

Conversions

Conversions Part 1

Format	Color
Hex	5B963A
RGB	91, 150, 58
RGB Percent	36%, 59%, 23%
CMY	0.6431, 0.4118, 0.7725
CMYK	0.39, 0.00, 0.61, 0.41
HSL	98°, 44%, 41%
HSV	98°, 61%, 59%
XYZ	15.9845, 24.3423, 7.8591
YIQ	121.8710, -5.6320, -41.1200

Conversions

Conversions Part 2

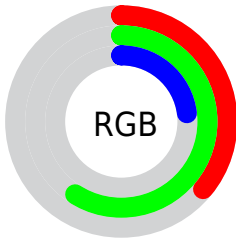
Format	Color
RYB	58, 150, 117
Decimal	6002234
CIELab	56.43, -36.21, 41.61
CIELCh	56, 55.153, 131.031
Yxy	24.3423, 0.3317, 0.5052
Android (android.graphics.Color)	4284192314 (0xFF5B963A)
YUV	121.8710, -31.4884, -27.0739
Hunter-Lab	49.3379, -28.5112, 25.0922

Details

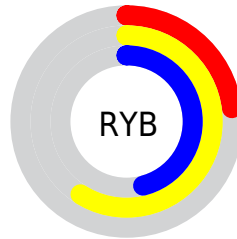
The Hex color **5B963A** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **753A96**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **91CD6D**, and **256303** is the 20% darker color. If you saturate the color by 10%, you get **51962B**, and if you desaturate by 10%, it is **659649**.

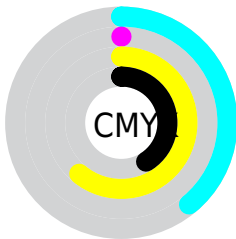
Distribution



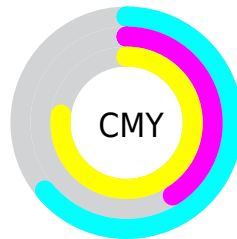
- Red (36%)
- Green (59%)
- Blue (23%)



- Red (23%)
- Yellow (59%)
- Blue (46%)



- Cyan (39%)
- Magenta (0%)
- Yellow (61%)
- Black (41%)



- Cyan (64%)
- Magenta (41%)
- Yellow (77%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5B963A 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 5B963A by changing the saturation by 10% instead.



5B963A



5B963A

FFFFFF



417C21



91CD6D



256303



ADE987



044A00



C9FFA2



003300



E6FFBD



001F00



FFFFDA



000000



FFFFF6



5B963A



5B963A



51962B



659649

■ 48961C

■ 6E9658

■ 3E960D

■ 789667

■ 369600

■ 819676

■ 8B9685

■ 959694

■ 9E96A3

■ A896B2

■ B296C1

Harmonies

Analogous

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



908B1E



5B963A



009C66

Triad

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



5B963A



0095E2



DF5A77

Complementary

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



5B963A



753A96

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.



CE60A8



5B963A



4887E6

Square

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



5B963A



009CC5



A173D0



D6674A

Rectangle

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



5B963A



009E88



A173D0



DC5A88

Sweetspot

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



5B963A



ABC29F



96743A



53614C



E0E0E0



616161

Same Dimension

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



5B963A



66C232



3A9646



454A43



318A00



040A00

Inverse Universe

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



753A96



8E32C2



963A8A



47434A



58008A



07000A

Previews

White Background



This preview shows how the Hex color 5B963A looks on a white background.

Color Contrast Check

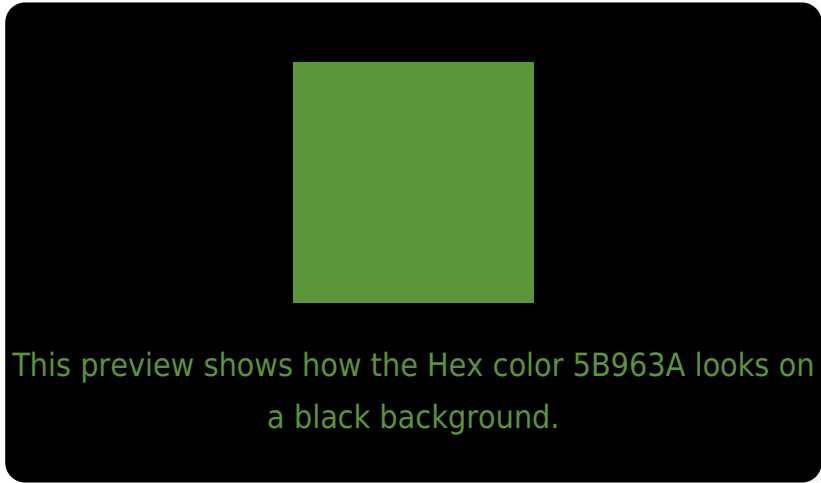
Large Text (above 18pt) WCAG AA ✓ Pass

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 5B963A Background



This preview shows how black text looks on a background with the Hex color 5B963A.




This preview shows how white text looks on a background with the Hex color 5B963A.

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
6A8D98

Trichromacy



Original Color
5B963A

Protanomaly
818C37

Deuteranomaly
8B883E

Tritanomaly
659076

Monochromacy



Original Color
5B963A

Achromatopsia
7A7A7A

Achromatomaly
6F8463

CSS Examples

Text

The CSS property to change the color of the text to Hex 5B963A 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 #5B963A looks like.

```
.text, #text, p{  
    color:#5B963A  
}
```

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 #5B963A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5B963A
}
```

Border

The CSS property to change the border of an element to Hex 5B963A 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
#5B963A }
```

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

```
.border{ border-color:#5B963A }
```

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

Here you see how a box with a 4 pixel #5B963A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5B963A; -webkit-box-shadow:4px 4px  
4px 4px #5B963A; box-shadow:4px 4px 4px  
4px #5B963A }
```

Background

The CSS property to change the background color of an element to Hex 5B963A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5B963A }
```

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

```
.background{ background-color:#5B963A }
```

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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