

Converting Colors

Hex(5C9444)

Have a look what the booklet for
Hex(5C9444) contains.

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Color

Hex(5C9444)

Conversions

Conversions Part 1

Format	Color
Hex	5C9444
RGB	92, 148, 68
RGB Percent	36%, 58%, 27%
CMY	0.6392, 0.4196, 0.7333
CMYK	0.38, 0.00, 0.54, 0.42
HSL	102°, 37%, 42%
HSV	102°, 54%, 58%
XYZ	16.0469, 23.8725, 9.2309
YIQ	122.1360, -7.6960, -36.7520

Conversions

Conversions Part 2

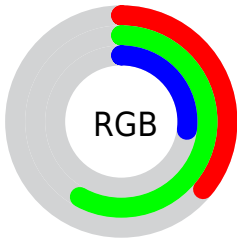
Format	Color
R_{YB}	68, 148, 124
Decimal	6067268
CIE _{Lab}	55.96, -33.83, 36.21
CIE _{LCh}	56, 49.550, 133.051
Yxy	23.8725, 0.3265, 0.4857
Android (android.graphics.Color)	4284257348 (0xFF5C9444)
YUV	122.1360, -26.6890, -26.4293
Hunter-Lab	48.8595, -26.8793, 23.0001

Details

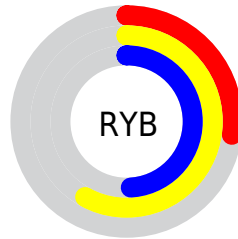
The Hex color **5C9444** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **7C4494**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **91CA76**, and **286113** is the 20% darker color. If you saturate the color by 10%, you get **529435**, and if you desaturate by 10%, it is **669453**.

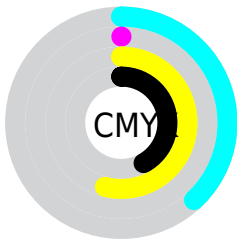
Distribution



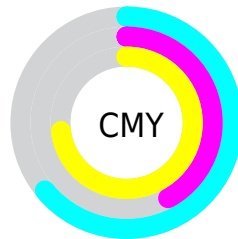
- Red (36%)
- Green (58%)
- Blue (27%)



- Red (27%)
- Yellow (58%)
- Blue (49%)



- Cyan (38%)
- Magenta (0%)
- Yellow (54%)
- Black (42%)



- Cyan (64%)
- Magenta (42%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5C9444 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 5C9444 by changing the saturation by 10% instead.



5C9444



5C9444

FFFFFF



427A2C



91CA76



286113



ADE790



094800



C9FFAB



003100



E6FFC7



001D00



FFFFE3



000000



5C9444



5C9444



529435



669453



479426



719462

■ 3D9418

■ 7B9470

■ 339409

■ 85947F

■ 2C9400

■ 90948E

■ 9A949D

■ A594AC

■ AF94BA

■ B994C9

Harmonies

Analogous

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



8C8A2C



5C9444



009A6C

Triad

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



5C9444



0092D8



D66075

Complementary

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



5C9444



7C4494

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.



C863A0



5C9444



5B84DA

Square

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



5C9444



0099C0



A173C5



CD6B4D

Rectangle

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



5C9444



009B89



A173C5



D45F83

Sweetspot

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



5C9444



AABFA1



947C44



54614E



E0E0E0



616161

Same Dimension

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



5C9444



68BF43



449454



454A43



298A00



030A00

Inverse Universe

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



7C4494



9A43BF



944484



48434A



60008A



07000A

Previews

White Background



This preview shows how the Hex color 5C9444 looks on a white background.

Color Contrast Check

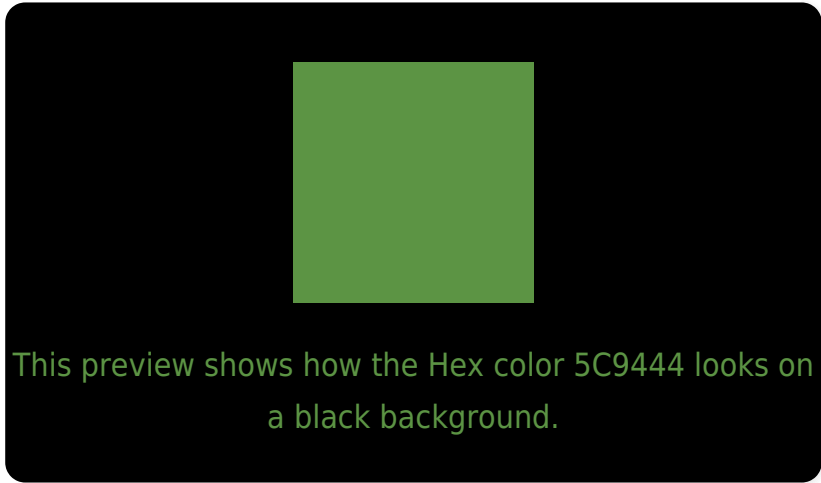
Large Text (above 18pt) WCAG AA ✓ Pass

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 5C9444 Background



This preview shows how black text looks on a background with the Hex color 5C9444.



This preview shows how white text looks on a background with the Hex color 5C9444.

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
5C9444

Protanopia
94863F

Deuteranopia
A37F49



Tritanopia
6A8B96

Trichromacy



Original Color
5C9444

Protanomaly
808B41

Deuteranomaly
898747

Tritanomaly
658E78

Monochromacy



Original Color
5C9444

Achromatopsia
7A7A7A

Achromatomaly
6F8366

CSS Examples

Text

The CSS property to change the color of the text to Hex 5C9444 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 #5C9444 looks like.

```
.text, #text, p{  
    color:#5C9444  
}
```

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 #5C9444 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5C9444
}
```

Border

The CSS property to change the border of an element to Hex 5C9444 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
#5C9444 }
```

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

```
.border{ border-color:#5C9444 }
```

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

Here you see how a box with a 4 pixel #5C9444 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5C9444; -webkit-box-shadow:4px 4px  
4px 4px #5C9444; box-shadow:4px 4px 4px  
4px #5C9444 }
```

Background

The CSS property to change the background color of an element to Hex 5C9444 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5C9444 }
```

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

```
.background{ background-color:#5C9444 }
```

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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