

Converting Colors

Hex(5F9534)

Have a look what the booklet for
Hex(5F9534) contains.

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Color

Hex(5F9534)

Conversions

Conversions Part 1

Format	Color
Hex	5F9534
RGB	95, 149, 52
RGB Percent	37%, 58%, 20%
CMY	0.6275, 0.4157, 0.7961
CMYK	0.36, 0.00, 0.65, 0.42
HSL	93°, 48%, 39%
HSV	93°, 65%, 58%
XYZ	16.0866, 24.1757, 7.0673
YIQ	121.7960, -1.0470, -41.6150

Conversions

Conversions Part 2

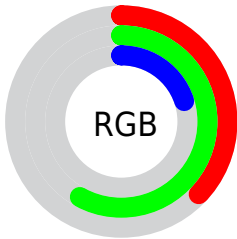
Format	Color
RYB	52, 149, 106
Decimal	6264116
CIELab	56.26, -34.91, 44.22
CIElCh	56, 56.333, 128.289
Yxy	24.1757, 0.3399, 0.5108
Android (android.graphics.Color)	4284454196 (0xFF5F9534)
YUV	121.7960, -34.4094, -23.5001
Hunter-Lab	49.1688, -27.6455, 25.8960

Details

The Hex color **5F9534** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **6A3495**, and the grayscale version is **7A7A7A**.

A 20% lighter version of the original color is **95CC67**, and **2A6200** is the 20% darker color. If you saturate the color by 10%, you get **579525**, and if you desaturate by 10%, it is **679543**.

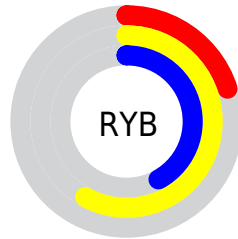
Distribution



Red (37%)

Green (58%)

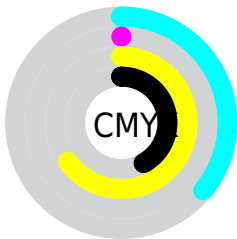
Blue (20%)



Red (20%)

Yellow (58%)

Blue (42%)

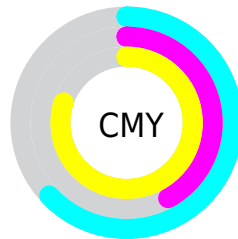


Cyan (36%)

Magenta (0%)

Yellow (65%)

Black (42%)



Cyan (63%)

Magenta (42%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 5F9534 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 5F9534 by changing the saturation by 10% instead.



5F9534



5F9534

FFFFFF



457B1A



95CC67



2A6200



B1E881



0D4900



CDFF9C



003200



EAFFB8



001E00



FFFFD4



000000



FFFFF0



5F9534



5F9534



579525



679543

■ 4E9516

■ 709552

■ 469507

■ 789561

■ 429500

■ 809570

■ 88957F

■ 91958D

■ 99959C

■ A195AB

■ AA95BA

Harmonies

Analogous

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



948919



5F9534



009C61

Triad

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



5F9534



0096E2



DF587B

Complementary

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



5F9534



6A3495

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.



CC60AC



5F9534



3488E8

Square

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



5F9534



009DC2



9B74D4



D8634D

Rectangle

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



5F9534



009E82



9B74D4



DC588C

Sweetspot

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



5F9534



ACC29B



956934



54614A



E0E0E0



616161

Same Dimension

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



5F9534



6EC22B



349539



464A43



3D8A00



050A00

Inverse Universe

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



6A3495



7F2BC2



953490



47434A



4D008A



06000A

Previews

White Background



This preview shows how the Hex color 5F9534 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

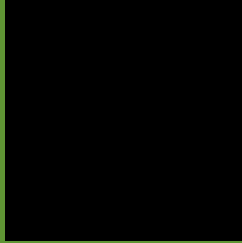
Any Text WCAG AA ✓ Pass

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 5F9534 Background



This preview shows how black text looks on a background with the Hex color 5F9534.



This preview shows how white text looks on a background with the Hex color 5F9534.

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
5F9534

Protanopia
968730

Deuteranopia
A6803B



Tritanopia
6E8B97

Trichromacy



Original Color
5F9534

Protanomaly
828C31

Deuteranomaly
8C8838

Tritanomaly
698F73

Monochromacy



Original Color
5F9534

Achromatopsia
7A7A7A

Achromatomaly
708461

CSS Examples

Text

The CSS property to change the color of the text to Hex 5F9534 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 #5F9534 looks like.

```
.text, #text, p{  
    color:#5F9534  
}
```

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 #5F9534 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #5F9534
}
```

Border

The CSS property to change the border of an element to Hex 5F9534 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
#5F9534 }
```

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

```
.border{ border-color:#5F9534 }
```

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

Here you see how a box with a 4 pixel #5F9534 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #5F9534; -webkit-box-shadow:4px 4px  
4px 4px #5F9534; box-shadow:4px 4px 4px  
4px #5F9534 }
```

Background

The CSS property to change the background color of an element to Hex 5F9534 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#5F9534 }
```

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

```
.background{ background-color:#5F9534 }
```

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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