

Converting Colors

Hex(509F34)

Have a look what the booklet for
Hex(509F34) contains.

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Color

Hex(509F34)

Conversions

Conversions Part 1

Format	Color
Hex	509F34
RGB	80, 159, 52
RGB Percent	31%, 62%, 20%
CMY	0.6863, 0.3765, 0.7961
CMYK	0.50, 0.00, 0.67, 0.38
HSL	104°, 51%, 41%
HSV	104°, 67%, 62%
XYZ	16.3262, 26.7497, 7.5515
YIQ	123.1810, -12.7370, -50.0250

Conversions

Conversions Part 2

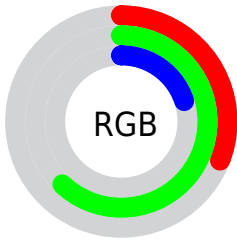
Format	Color
RYB	52, 159, 131
Decimal	5283636
CIELab	58.74, -44.22, 46.69
CIELCh	59, 64.311, 133.443
Yxy	26.7497, 0.3225, 0.5284
Android (android.graphics.Color)	4283473716 (0xFF509F34)
YUV	123.1810, -35.0922, -37.8697
Hunter-Lab	51.7201, -34.1639, 27.5473

Details

The Hex color **509F34** is a dark color, and the websafe version is hex **339933**. A complement of this color would be **83349F**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **88D668**, and **0F6B00** is the 20% darker color. If you saturate the color by 10%, you get **449F24**, and if you desaturate by 10%, it is **5C9F44**.

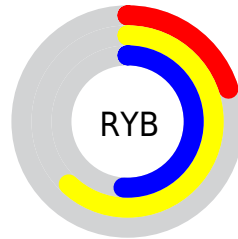
Distribution



Red (31%)

Green (62%)

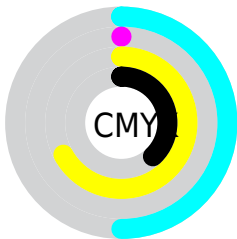
Blue (20%)



Red (20%)

Yellow (62%)

Blue (51%)

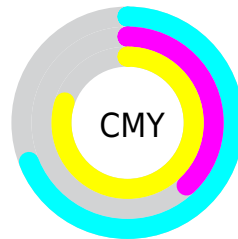


Cyan (50%)

Magenta (0%)

Yellow (67%)

Black (38%)



Cyan (69%)

Magenta (38%)

Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 509F34 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 509F34 by changing the saturation by 10% instead.



509F34



509F34

FFFFFF



338418



88D668



0F6B00



A4F382



005200



C0FF9D



003A00



D0FFB9



002500



FBFFD5



000000



FFFFFF2



509F34



509F34



449F24



5C9F44

■ 399F14

■ 679F54

■ 2D9F04

■ 739F64

■ 2A9F00

■ 7F9F74

■ 8B9F84

■ 969F93

■ A29FA3

■ AE9FB3

■ BA9FC3

Harmonies

Analogous

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



919300



509F34



00A66B

Triad

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



509F34



009CFA



F25576

Complementary

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



509F34



83349F

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.



E35AAF



509F34



438BFC

Square

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



509F34



00A5DA



B073E0



E56742

Rectangle

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



509F34



00A792



B073E0



F15489

Sweetspot

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



509F34



B0CFA5



9F8234



56694F



E8E8E8



696969

Same Dimension

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



509F34



53CF27



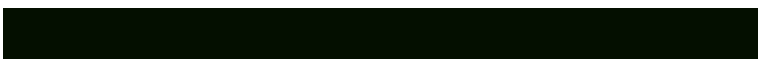
349F4D



494F47



258F00



040F00

Inverse Universe

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



83349F



A327CF



9F3486



4D474F



69008F



0B000F

Previews

White Background



This preview shows how the Hex color 509F34 looks on a white background.

Color Contrast Check

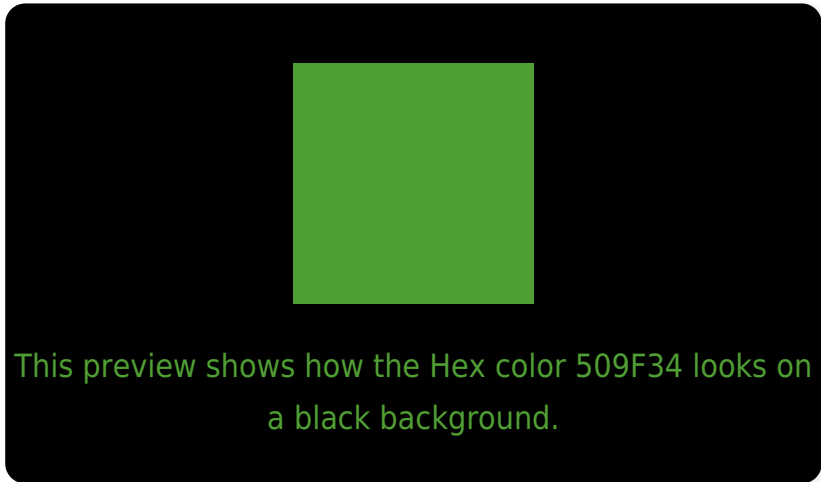
Large Text (above 18pt) WCAG AA ✓ Pass

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 509F34 Background



This preview shows how black text looks on a background with the Hex color 509F34.

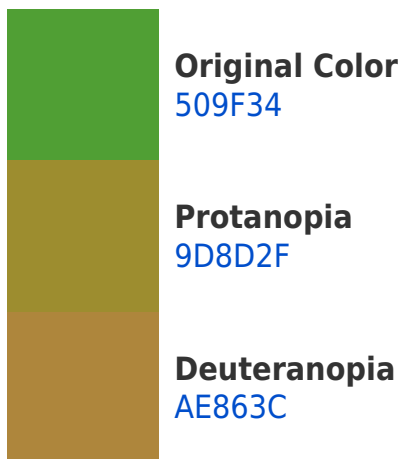


This preview shows how white text looks on a background with the Hex color 509F34.

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](#).

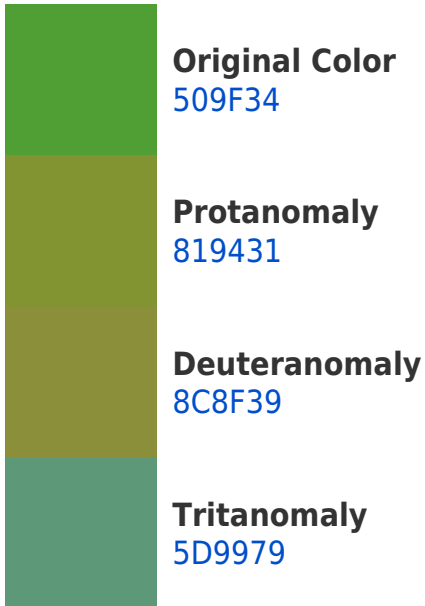
Dichromacy



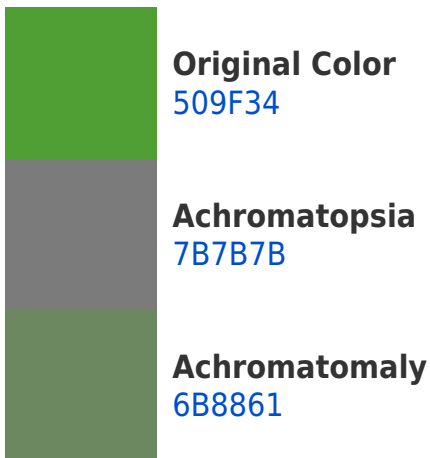


Tritanopia
6495A1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 509F34 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 #509F34 looks like.

```
.text, #text, p{  
    color:#509F34  
}
```

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 #509F34 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #509F34  
}
```

Border

The CSS property to change the border of an element to Hex 509F34 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  
#509F34 }
```

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

```
.border{ border-color:#509F34 }
```

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

Here you see how a box with a 4 pixel #509F34 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #509F34; -webkit-box-shadow:4px 4px  
4px 4px #509F34; box-shadow:4px 4px 4px  
4px #509F34 }
```

Background

The CSS property to change the background color of an element to Hex 509F34 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#509F34 }
```

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

```
.background{ background-color:#509F34 }
```

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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