

Converting Colors

Hex(95C034)

Have a look what the booklet for
Hex(95C034) contains.

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Color

Hex(95C034)

Conversions

Conversions Part 1

Format	Color
Hex	95C034
RGB	149, 192, 52
RGB Percent	58%, 75%, 20%
CMY	0.4157, 0.2471, 0.7961
CMYK	0.22, 0.00, 0.73, 0.25
HSL	78°, 57%, 48%
HSV	78°, 73%, 75%
XYZ	31.8639, 44.3368, 10.1273
YIQ	163.1830, 19.3120, -52.6560

Conversions

Conversions Part 2

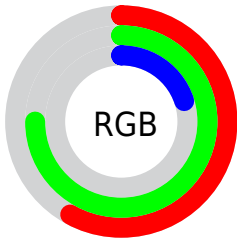
Format	Color
RYB	52, 192, 95
Decimal	9814068
CIELab	72.45, -33.92, 61.89
CIELCh	72, 70.575, 118.727
Yxy	44.3368, 0.3691, 0.5136
Android (android.graphics.Color)	4288004148 (0xFF95C034)
YUV	163.1830, -54.8132, -12.4385
Hunter-Lab	66.5859, -31.1061, 37.5925

Details

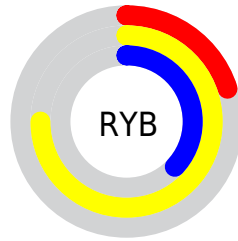
The Hex color **95C034** is a dark color, and the websafe version is hex **99CC33**. The color can be described as middle muted chartreuse. A complement of this color would be **5F34C0**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **CEF96C**, and **5E8A00** is the 20% darker color. If you saturate the color by 10%, you get **8FC021**, and if you desaturate by 10%, it is **9BC047**.

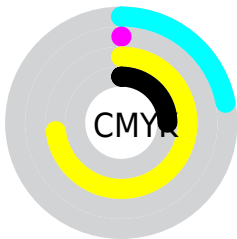
Distribution



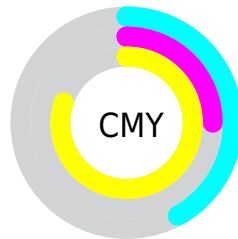
- Red (58%)
- Green (75%)
- Blue (20%)



- Red (20%)
- Yellow (75%)
- Blue (37%)



- Cyan (22%)
- Magenta (0%)
- Yellow (73%)
- Black (25%)



- Cyan (42%)
- Magenta (25%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95C034 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 95C034 by changing the saturation by 10% instead.



95C034



95C034

FFFFFF



79A511



CEF96C



5E8A00



ECFF87



427100



FFFFA3



275800



FFFFBF



014000



FFFFDC



002A00



FFFFFA



001000



000000



95C034



95C034

■ 8FC021

■ 9BC047

■ 89C00E

■ A1C05A

■ 85C000

■ A7C06E

■ ADC081

■ B2C094

■ B8C0A7

■ BEC0BA

■ C4C0CE

■ CAC0E1

Harmonies

Analogous

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



D5AE1D



95C034



2ECB6B

Triad

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



95C034



00C9FF



FF73B7

Complementary

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



95C034



5F34C0

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.



FD85F6



95C034



00BAFF

Square

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



95C034



00D0EE



ACA2FF



FF7C78

Rectangle

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



95C034



00CF96



ACA2FF



FF77CD

Sweetspot

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



95C034



E9FAC3



C05E34



737D5C



FCFCFC



7D7D7D

Same Dimension

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



95C034



B6FA1E



50C034



5E6157



6FA100



172100

Inverse Universe

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



5F34C0



621EFA



A434C0



5A5761



3100A1



0A0021

Previews

White Background



This preview shows how the Hex color 95C034 looks on a white background.

Color Contrast Check

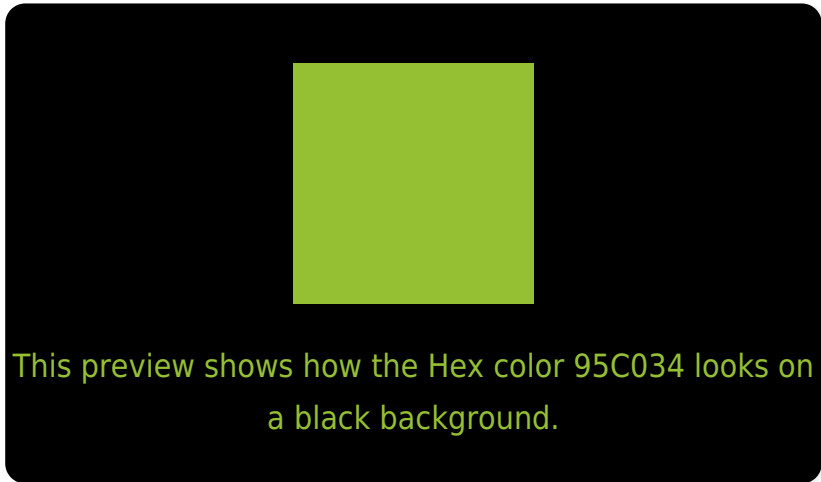
Large Text (above 18pt) WCAG AA × Fail

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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 95C034 Background



This preview shows how black text looks on a background with the Hex color 95C034.

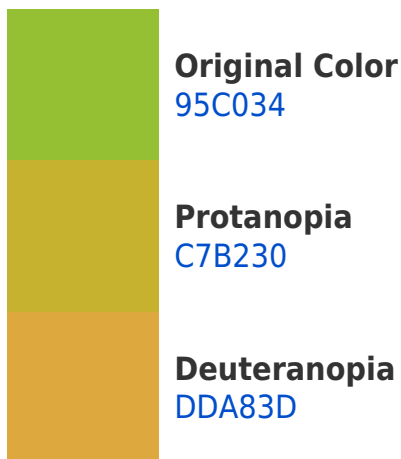


This preview shows how white text looks on a background with the Hex color 95C034.

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](#).

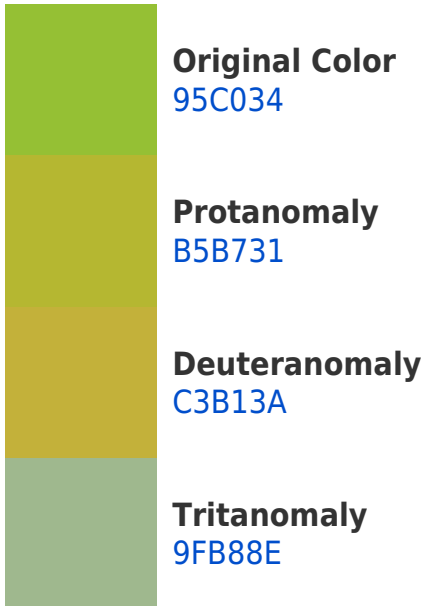
Dichromacy



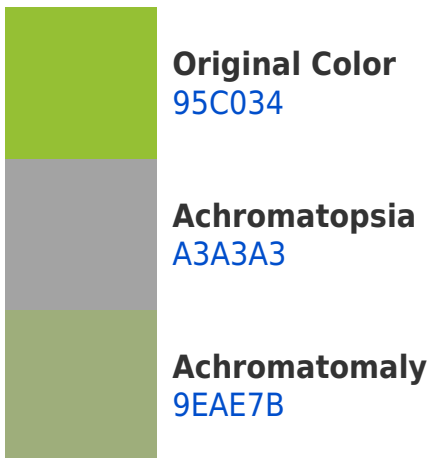


Tritanopia
A5B3C1

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95C034 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 #95C034 looks like.

```
.text, #text, p{  
    color:#95C034  
}
```

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 #95C034 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C034
}
```

Border

The CSS property to change the border of an element to Hex 95C034 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
#95C034 }
```

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

```
.border{ border-color:#95C034 }
```

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

Here you see how a box with a 4 pixel #95C034 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C034; -webkit-box-shadow:4px 4px  
4px 4px #95C034; box-shadow:4px 4px 4px  
4px #95C034 }
```

Background

The CSS property to change the background color of an element to Hex 95C034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C034 }
```

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

```
.background{ background-color:#95C034 }
```

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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