

Converting Colors

Hex(95C645)

Have a look what the booklet for
Hex(95C645) contains.

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Color

Hex(95C645)

Conversions

Conversions Part 1

Format	Color
Hex	95C645
RGB	149, 198, 69
RGB Percent	58%, 78%, 27%
CMY	0.4157, 0.2235, 0.7294
CMYK	0.25, 0.00, 0.65, 0.22
HSL	83°, 53%, 52%
HSV	83°, 65%, 78%
XYZ	33.6627, 47.2074, 12.9680
YIQ	168.6430, 12.2050, -50.5070

Conversions

Conversions Part 2

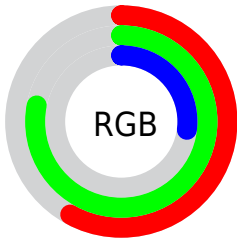
Format	Color
RYB	69, 198, 118
Decimal	9815621
CIELab	74.32, -35.56, 57.33
CIELCh	74, 67.461, 121.813
Yxy	47.2074, 0.3587, 0.5031
Android (android.graphics.Color)	4288005701 (0xFF95C645)
YUV	168.6430, -49.1240, -17.2269
Hunter-Lab	68.7076, -32.7839, 36.9049

Details

The Hex color **95C645** 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 **7645C6**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **CEFF7B**, and **5E9001** is the 20% darker color. If you saturate the color by 10%, you get **8DC631**, and if you desaturate by 10%, it is **9DC659**.

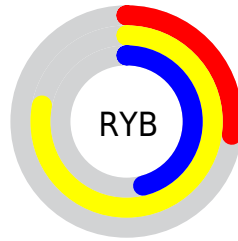
Distribution



Red (58%)

Green (78%)

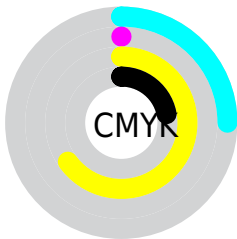
Blue (27%)



Red (27%)

Yellow (78%)

Blue (46%)

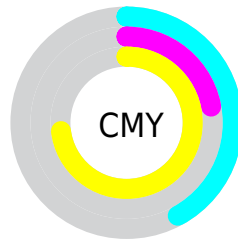


Cyan (25%)

Magenta (0%)

Yellow (65%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95C645 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 95C645 by changing the saturation by 10% instead.

 95C645

 95C645

FFFFFF

 79AB29

 CEFF7B

 5E9001

 EBFF96

 437600

 FFFFB2

 285D00

 FFFFCE

 024500

 FFFFEC

 002E00

 001800

 000000

 95C645

 95C645

■ 8DC631

■ 9DC659

■ 86C61D

■ A4C66D

■ 7EC60A

■ ACC680

■ 7BC600

■ B3C694

■ BBC6A8

■ C2C6BC

■ CAC6D0

■ D1C6E3

■ D9C6F7

Harmonies

Analogous

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



D4B52E



95C645



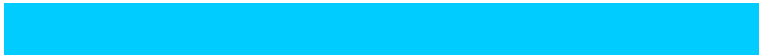
30D079

Triad

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



95C645



00CCFF



FF7DB6

Complementary

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



95C645



7645C6

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.



FF8BF2



95C645



00BDFF

Square

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



95C645



00D4F7



BDA5FF



FF8679

Rectangle

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



95C645



00D4A3



BDA5FF



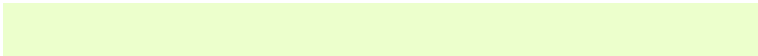
FF7FCB

Sweetspot

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



95C645



ECFFCC



C67445



748061



000000



808080

Same Dimension

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



95C645



B3FF38



56C645



60635A



65A300



162400

Inverse Universe

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



7645C6



8438FF



B545C6



5D5A63



3E00A3



0E0024

Previews

White Background



This preview shows how the Hex color 95C645 looks on a white background.

Color Contrast Check

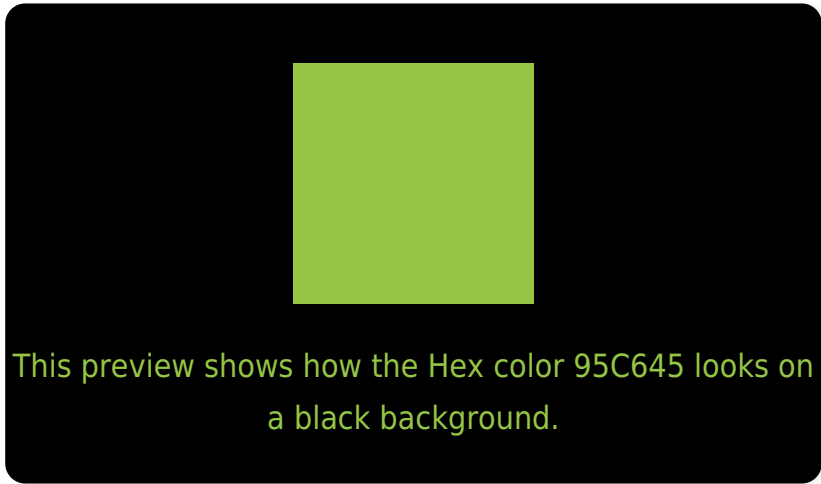
Large Text (above 18pt) WCAG AA × Fail

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 95C645 Background



This preview shows how black text looks on a background with the Hex color 95C645.

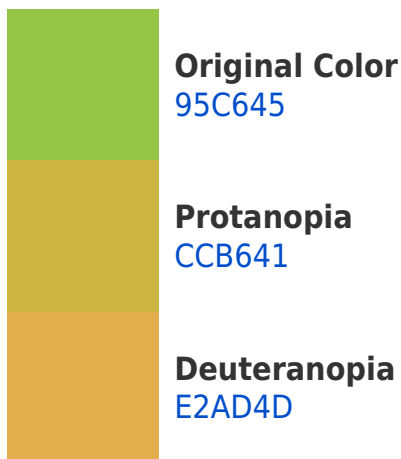


This preview shows how white text looks on a background with the Hex color 95C645.

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](#).

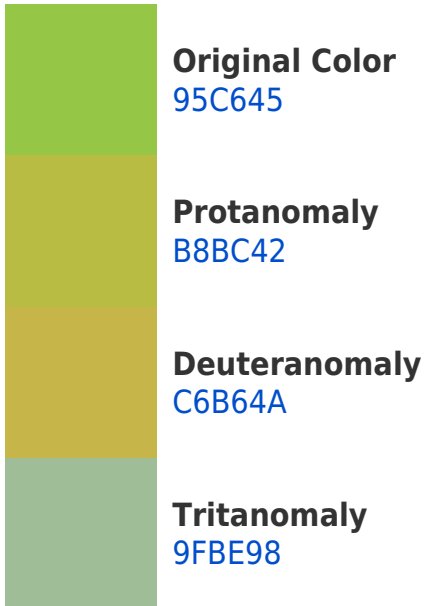
Dichromacy



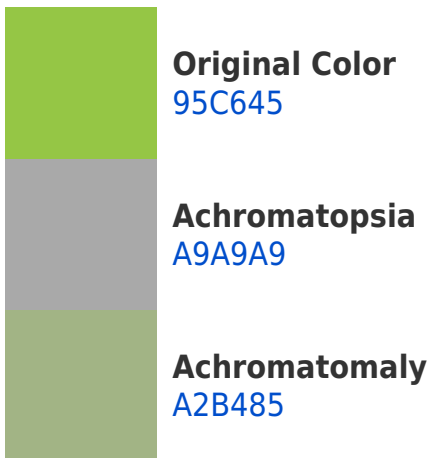


Tritanopia
A5B9C8

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95C645 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 #95C645 looks like.

```
.text, #text, p{  
    color:#95C645  
}
```

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 #95C645 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C645
}
```

Border

The CSS property to change the border of an element to Hex 95C645 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
#95C645 }
```

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

```
.border{ border-color:#95C645 }
```

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

Here you see how a box with a 4 pixel #95C645 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C645; -webkit-box-shadow:4px 4px  
4px 4px #95C645; box-shadow:4px 4px 4px  
4px #95C645 }
```

Background

The CSS property to change the background color of an element to Hex 95C645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C645 }
```

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

```
.background{ background-color:#95C645 }
```

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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