

# Converting Colors

Hex(95C738)

Have a look what the booklet for  
Hex(95C738) contains.

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**Color**

**Hex(95C738)**

# Conversions

## Conversions Part 1

Format	Color
Hex	95C738
RGB	149, 199, 56
RGB Percent	58%, 78%, 22%
CMY	0.4157, 0.2196, 0.7804
CMYK	0.25, 0.00, 0.72, 0.22
HSL	81°, 56%, 50%
HSV	81°, 72%, 78%
XYZ	33.5317, 47.5219, 11.1467
YIQ	167.7480, 16.1030, -55.0730

# Conversions

## Conversions Part 2

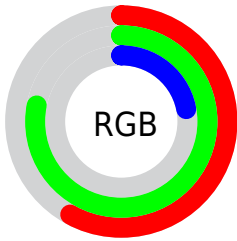
Format	Color
<b>RYB</b>	56, 199, 106
Decimal	9815864
CIELab	74.52, -36.88, 62.51
CIELCh	75, 72.583, 120.542
Yxy	47.5219, 0.3637, 0.5154
Android (android.graphics.Color)	4288005944 (0xFF95C738)
YUV	167.7480, -55.0918, -16.4420
Hunter-Lab	68.9362, -33.8130, 38.6683

# Details

The Hex color **95C738** 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 **6A38C7**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **CEFF70**, and **5D9100** is the 20% darker color. If you saturate the color by 10%, you get **8EC724**, and if you desaturate by 10%, it is **9CC74C**.

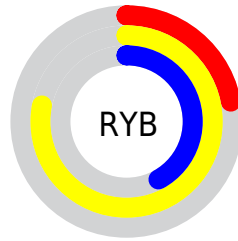
# Distribution



Red (58%)

Green (78%)

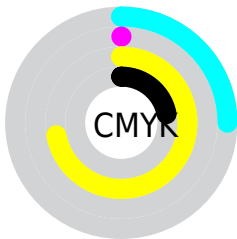
Blue (22%)



Red (22%)

Yellow (78%)

Blue (42%)

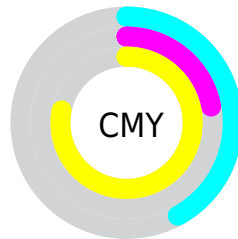


Cyan (25%)

Magenta (0%)

Yellow (72%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (78%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 95C738 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 95C738 by changing the saturation by 10% instead.



 95C738

 95C738

FFFFFF

 79AC17

 CEFF70

 5D9100

 ECFF8B

 417700

 FFFFA7

 255E00

 FFFFC4

 004600

 FFFFE1

 002F00

FFFFFFE

 001800

 000000

 95C738

 95C738

■ 8EC724

■ 9CC74C

■ 87C710

■ A3C760

■ 81C700

■ AAC774

■ B1C788

■ B8C79C

■ BFC7AF

■ C6C7C3

■ CDC7D7

■ D4C7EB

# Harmonies

## Analogous

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



D8B51C



95C738



1DD272

# Triad

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



95C738



00CFFF



FF76B9

# Complementary

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



95C738



6A38C7

# 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.



FF88FA



95C738



00BFFF

# Square

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



95C738



00D6F9



B8A5FF



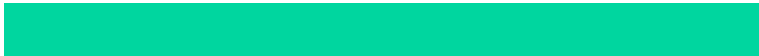
FF8077

# Rectangle

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



95C738



00D69F



B8A5FF



FF79CF

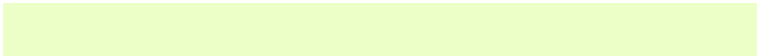


# Sweetspot

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



95C738



EBFFC7



C76838



74805E



000000



808080



# Same Dimension

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



95C738



B2FF24



50C738



60635A



6AA300



172400



# Inverse Universe

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



6A38C7



7024FF



AF38C7



5D5A63



3900A3



0C0024



# Previews

## White Background



This preview shows how the Hex color 95C738 looks on a white background.

## Color Contrast Check

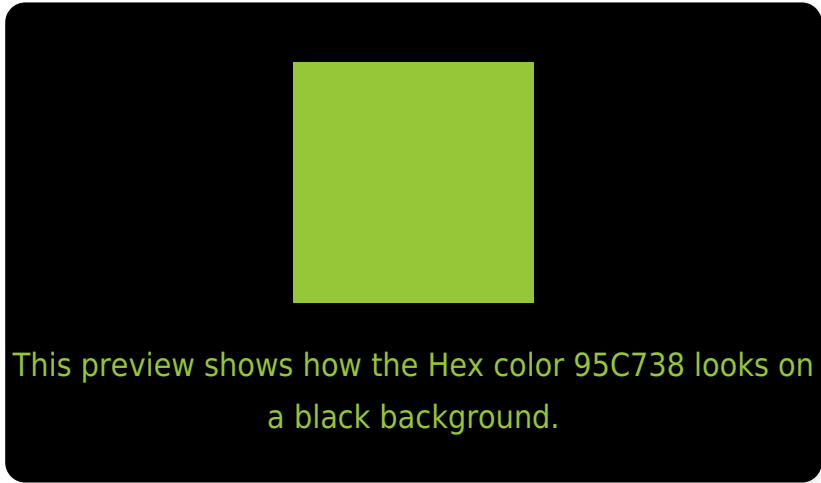
Large Text (above 18pt) WCAG AA × Fail

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 95C738 Background



This preview shows how black text looks on a background with the Hex color 95C738.

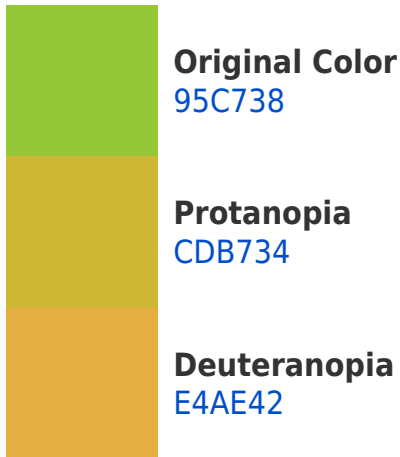


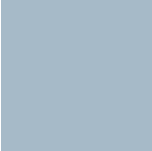
This preview shows how white text looks on a background with the Hex color 95C738.

# 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**  
A6BAC8

# Trichromacy



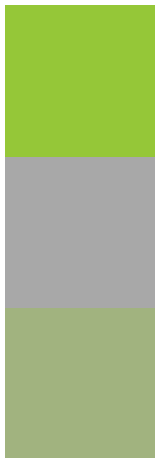
**Original Color**  
95C738

**Protanomaly**  
B9BD35

**Deuteranomaly**  
C7B73E

**Tritanomaly**  
A0BF94

# Monochromacy



**Original Color**  
95C738

**Achromatopsia**  
A8A8A8

**Achromatomaly**  
A1B37F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 95C738 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 #95C738 looks like.

```
.text, #text, p{  
    color:#95C738  
}
```

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 #95C738 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95C738
}
```

## Border

The CSS property to change the border of an element to Hex 95C738 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
#95C738 }
```

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

```
.border{ border-color:#95C738 }
```

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

Here you see how a box with a 4 pixel #95C738 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95C738; -webkit-box-shadow:4px 4px  
4px 4px #95C738; box-shadow:4px 4px 4px  
4px #95C738 }
```

# Background

The CSS property to change the background color of an element to Hex 95C738 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95C738 }
```

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

```
.background{ background-color:#95C738 }
```

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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