

Converting Colors

Hex(95D85C)

Have a look what the booklet for
Hex(95D85C) contains.

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Color

Hex(95D85C)

Conversions

Conversions Part 1

Format	Color
Hex	95D85C
RGB	149, 216, 92
RGB Percent	58%, 85%, 36%
CMY	0.4157, 0.1529, 0.6392
CMYK	0.31, 0.00, 0.57, 0.15
HSL	92°, 61%, 60%
HSV	92°, 57%, 85%
XYZ	38.8821, 56.2740, 18.9379
YIQ	181.8310, -0.1280, -52.7680

Conversions

Conversions Part 2

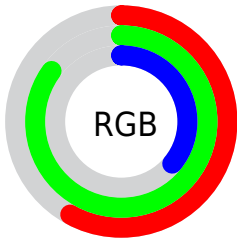
Format	Color
R_{YB}	92, 216, 159
Decimal	9820252
CIE Lab	79.77, -41.63, 53.48
CIE LCh	80, 67.772, 127.897
Yxy	56.2740, 0.3408, 0.4932
Android (android.graphics.Color)	4288010332 (0xFF95D85C)
YUV	181.8310, -44.2867, -28.7928
Hunter-Lab	75.0160, -38.7584, 37.5434

Details

The Hex color **95D85C** is a light color, and the websafe version is hex **99CC66**. The color can be described as light muted chartreuse. A complement of this color would be **9F5CD8**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **CEFF92**, and **5DA126** is the 20% darker color. If you saturate the color by 10%, you get **89D846**, and if you desaturate by 10%, it is **A1D872**.

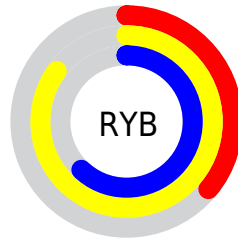
Distribution



Red (58%)

Green (85%)

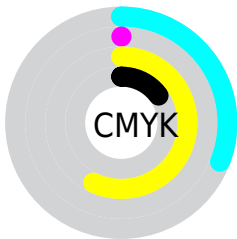
Blue (36%)



Red (36%)

Yellow (85%)

Blue (62%)

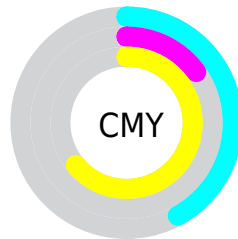


Cyan (31%)

Magenta (0%)

Yellow (57%)

Black (15%)



Cyan (42%)

Magenta (15%)

Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 95D85C 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 95D85C by changing the saturation by 10% instead.

 95D85C

 95D85C

FFFFFF

 79BC41

 CEFF92

 5DA126

 EBFFAD

 428600

 FFFFCA

 246C00

 FFFFE6

 005300

 003C00

 002700

 000000

 95D85C

 95D85C

 89D846

 A1D872

 7ED831

 ACD887

 72D81B

 B8D89D

 66D806

 C4D8B2

 63D800

 CFD8C8

 DBD8DE

 E7D8F3

 F2D8FF

 FED8FF

Harmonies

Analogous

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



D8C83E



95D85C



14E194

Triad

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



95D85C



00D9FF



FF8CB7

Complementary

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



95D85C



9F5CD8

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.



FF95F7



95D85C



68C7FF

Square

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



95D85C



00E2FF



DFAEFF



FF997B

Rectangle

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



95D85C



00E4BF



DFAEFF



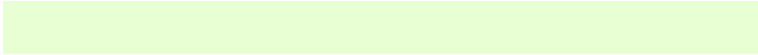
FF8DCD

Sweetspot

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



95D85C



E8FFD4



D89E5C



728066



000000



808080

Same Dimension

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



95D85C



A0FF4F



5CD860



656B60



4FAB00



142B00

Inverse Universe

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



9F5CD8



AE4FFF



D85CD4



66606B



5C00AB



17002B

Previews

White Background



This preview shows how the Hex color 95D85C 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



This preview shows how the Hex color 95D85C looks on a 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 95D85C Background



This preview shows how black text looks on a background with the Hex color 95D85C.

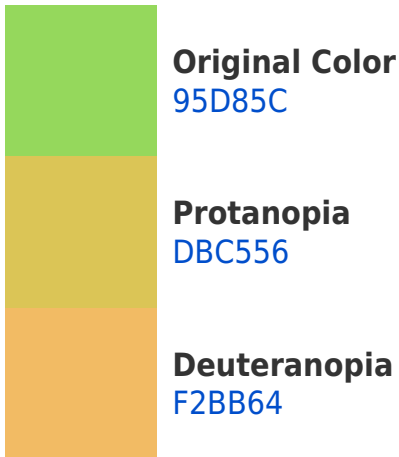


This preview shows how white text looks on a background with the Hex color 95D85C.

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](#).

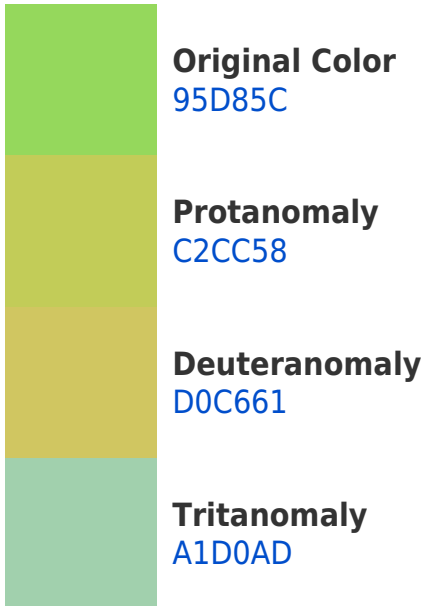
Dichromacy



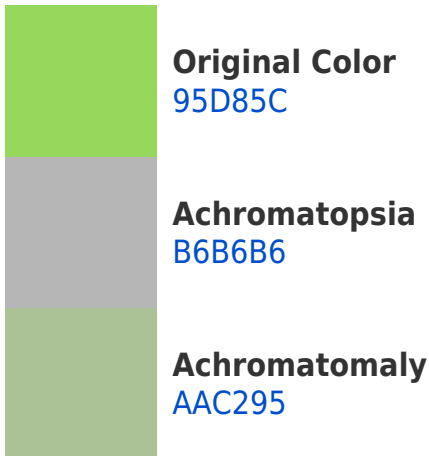


Tritanopia
A8CBDB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 95D85C 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 #95D85C looks like.

```
.text, #text, p{  
    color:#95D85C  
}
```

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 #95D85C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #95D85C
}
```

Border

The CSS property to change the border of an element to Hex 95D85C 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
#95D85C }
```

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

```
.border{ border-color:#95D85C }
```

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

Here you see how a box with a 4 pixel #95D85C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #95D85C; -webkit-box-shadow:4px 4px  
4px 4px #95D85C; box-shadow:4px 4px 4px  
4px #95D85C }
```

Background

The CSS property to change the background color of an element to Hex 95D85C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#95D85C }
```

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

```
.background{ background-color:#95D85C }
```

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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