

Converting Colors

Hex(93C476)

Have a look what the booklet for
Hex(93C476) contains.

Hex(93C476)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(93C476)

Conversions

Conversions Part 1

Format	Color
Hex	93C476
RGB	147, 196, 118
RGB Percent	58%, 77%, 46%
CMY	0.4235, 0.2314, 0.5373
CMYK	0.25, 0.00, 0.40, 0.23
HSL	98°, 40%, 62%
HSV	98°, 40%, 77%
XYZ	35.0426, 46.9909, 24.3628
YIQ	172.4570, -4.1660, -34.6460

Conversions

Conversions Part 2

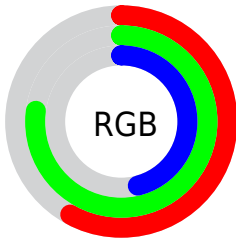
Format	Color
RYB	118, 196, 167
Decimal	9684086
CIELab	74.18, -30.20, 34.07
CIELCh	74, 45.526, 131.550
Yxy	46.9909, 0.3294, 0.4417
Android (android.graphics.Color)	4287874166 (0xFF93C476)
YUV	172.4570, -26.8473, -22.3258
Hunter-Lab	68.5499, -28.7135, 26.9132

Details

The Hex color **93C476** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A776C4**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **CAFDAB**, and **5E8E44** is the 20% darker color. If you saturate the color by 10%, you get **87C462**, and if you desaturate by 10%, it is **9FC48A**.

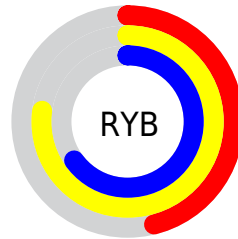
Distribution



Red (58%)

Green (77%)

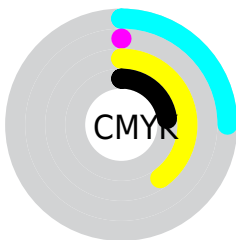
Blue (46%)



Red (46%)

Yellow (77%)

Blue (65%)

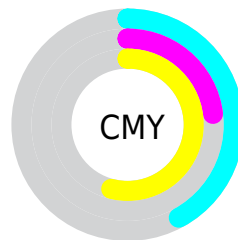


Cyan (25%)

Magenta (0%)

Yellow (40%)

Black (23%)



Cyan (42%)

Magenta (23%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C476 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 93C476 by changing the saturation by 10% instead.



93C476



93C476

FFFFFF



78A95D



CAFDAB



5E8E44



E7FFC7



45742C



FFFFE3



2B5B14



114300



002D00



001700



000000



93C476



93C476

 87C462

 9FC48A

 7AC44F

 ACC49D

 6EC43B

 B8C4B1

 62C428

 C4C4C4

 55C414

 D1C4D8

 49C400

 DDC4EC

 E9C4FF

 F6C4FF

 FFC4FF

Harmonies

Analogous

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



C1B962



93C476



5BCA9B

Triad

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



93C476



37C2FF



FF95A8

Complementary

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



93C476



A776C4

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.



F798D2



93C476



92B5FF

Square

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



93C476



00CAED



CFA5F5



FF9D81

Rectangle

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



93C476



1ECCB7



CFA5F5



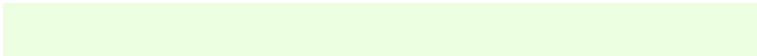
FF95B6

Sweetspot

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



93C476



ECFFE0



C4A676



74806E



000000



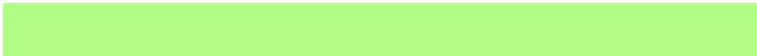
808080

Same Dimension

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



93C476



B2FF85



76C47F



5B6157



3CA100



0C2100

Inverse Universe

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



A776C4



D185FF



C476BB



5D5761



6500A1



150021

Previews

White Background



This preview shows how the Hex color 93C476 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 93C476 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 93C476 Background



This preview shows how black text looks on a background with the Hex color 93C476.

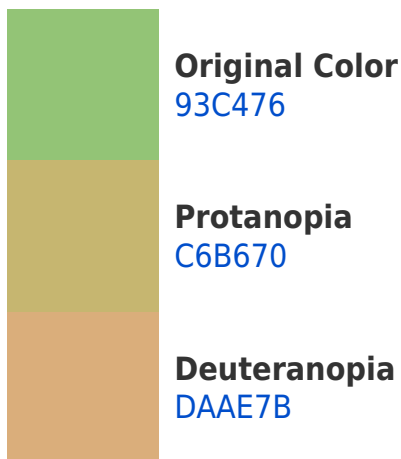


This preview shows how white text looks on a background with the Hex color 93C476.

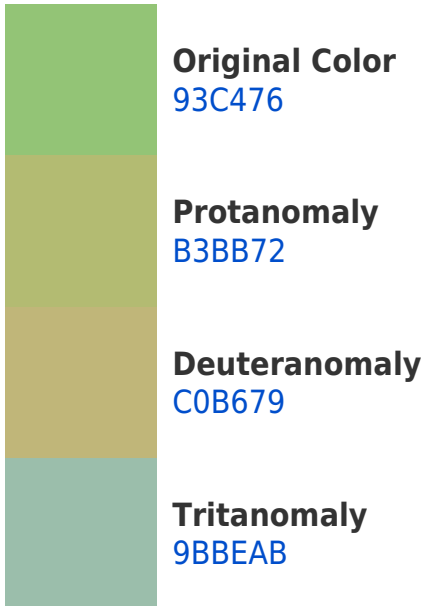
Color Blindness Simulation

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](#).

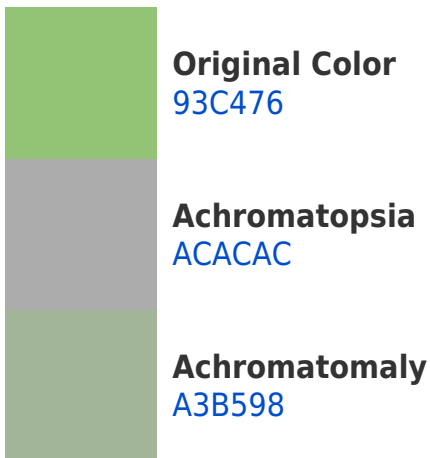
Dichromacy



Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C476 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 #93C476 looks like.

```
.text, #text, p{  
    color:#93C476  
}
```

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 #93C476 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C476
}
```

Border

The CSS property to change the border of an element to Hex 93C476 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
#93C476 }
```

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

```
.border{ border-color:#93C476 }
```

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

Here you see how a box with a 4 pixel #93C476 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C476; -webkit-box-shadow:4px 4px  
4px 4px #93C476; box-shadow:4px 4px 4px  
4px #93C476 }
```

Background

The CSS property to change the background color of an element to Hex 93C476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C476 }
```

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

```
.background{ background-color:#93C476 }
```

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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