

Converting Colors

Hex(93C750)

Have a look what the booklet for
Hex(93C750) contains.

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Color

Hex(93C750)

Conversions

Conversions Part 1

Format	Color
Hex	93C750
RGB	147, 199, 80
RGB Percent	58%, 78%, 31%
CMY	0.4235, 0.2196, 0.6863
CMYK	0.26, 0.00, 0.60, 0.22
HSL	86°, 52%, 55%
HSV	86°, 60%, 78%
XYZ	33.9040, 47.6291, 14.9958
YIQ	169.8860, 7.2070, -48.0330

Conversions

Conversions Part 2

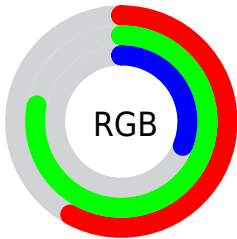
Format	Color
RYB	80, 199, 132
Decimal	9684816
CIELab	74.59, -35.87, 52.91
CIElCh	75, 63.922, 124.140
Yxy	47.6291, 0.3512, 0.4934
Android (android.graphics.Color)	4287874896 (0xFF93C750)
YUV	169.8860, -44.3138, -20.0710
Hunter-Lab	69.0138, -33.0836, 35.4267

Details

The Hex color **93C750** is a dark color, and the websafe version is hex **99CC66**. The color can be described as middle muted chartreuse. A complement of this color would be **8450C7**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **CCFF85**, and **5C9118** is the 20% darker color. If you saturate the color by 10%, you get **8AC73C**, and if you desaturate by 10%, it is **9CC764**.

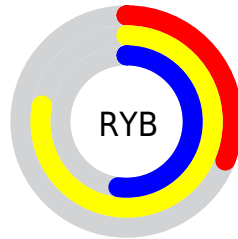
Distribution



Red (58%)

Green (78%)

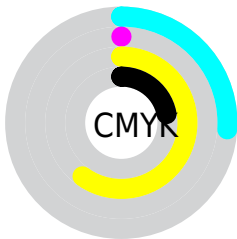
Blue (31%)



Red (31%)

Yellow (78%)

Blue (52%)

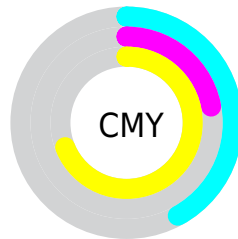


Cyan (26%)

Magenta (0%)

Yellow (60%)

Black (22%)



Cyan (42%)

Magenta (22%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 93C750 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 93C750 by changing the saturation by 10% instead.



93C750



93C750

FFFFFF



77AC35



CCFF85



5C9118



E9FFA1



417700



FFFFBD



265E00



FFFFD9



014600



FFFFF6



002F00



001900



000000



93C750



93C750

 8AC73C

 9CC764

 82C728

 A4C778

 79C714

 ADC78C

 70C700

 B6C7A0

 BEC7B4

 C7C7C7

 D0C7DB

 D9C7EF

 E1C7FF

Harmonies

Analogous

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



D0B739



93C750



34D082

Triad

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



93C750



00CBFF



FF82B2

Complementary

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



93C750



8450C7

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.



FF8DEC



93C750



48BBFF

Square

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



93C750



00D3F8



C5A5FF



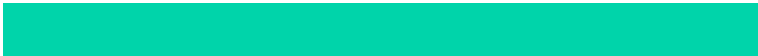
FF8C79

Rectangle

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



93C750



00D4AA



C5A5FF



FF83C6

Sweetspot

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



93C750



EBFFD1



C78450



738063



000000



808080

Same Dimension

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



93C750



AFFF47



58C750



5F635A



5CA300



142400

Inverse Universe

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



8450C7



9847FF



BF50C7



5E5A63



4700A3



100024

Previews

White Background



This preview shows how the Hex color 93C750 looks on a white background.

Color Contrast Check

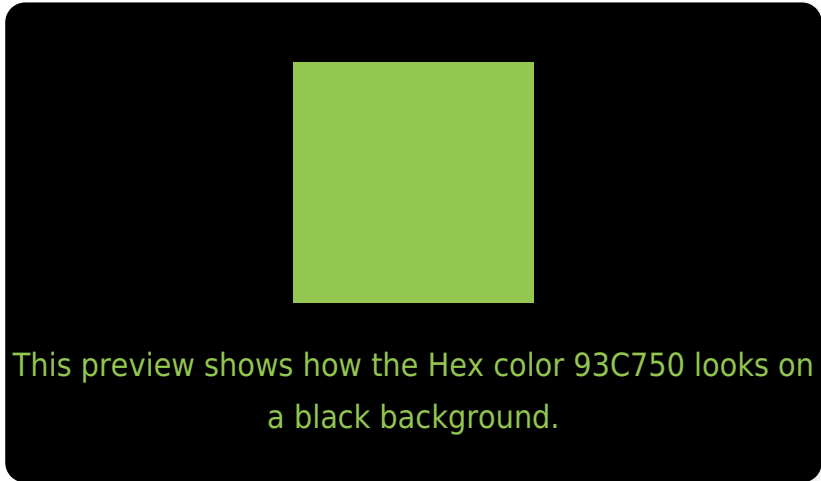
Large Text (above 18pt) WCAG AA × Fail

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 93C750 Background



This preview shows how black text looks on a background with the Hex color 93C750.

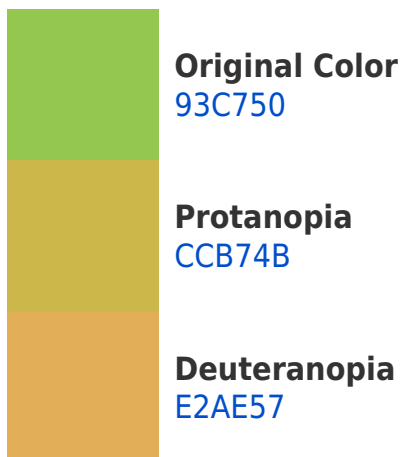


This preview shows how white text looks on a background with the Hex color 93C750.

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](#).

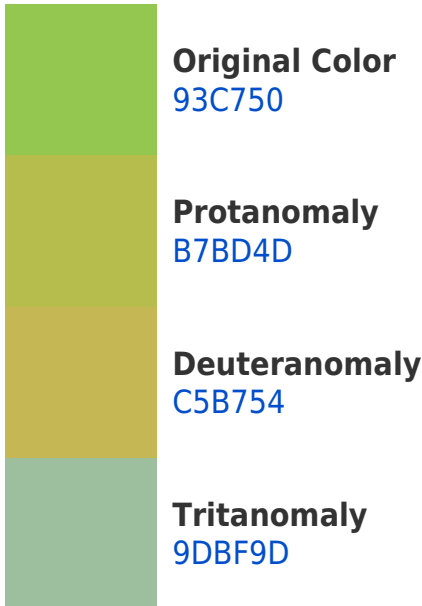
Dichromacy



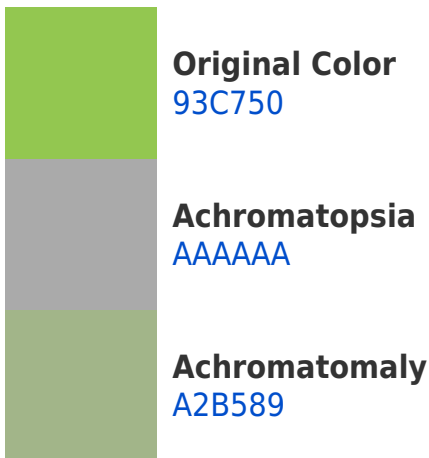


Tritanopia
A3BBC9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 93C750 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 #93C750 looks like.

```
.text, #text, p{  
    color:#93C750  
}
```

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 #93C750 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C750
}
```

Border

The CSS property to change the border of an element to Hex 93C750 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
#93C750 }
```

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

```
.border{ border-color:#93C750 }
```

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

Here you see how a box with a 4 pixel #93C750 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C750; -webkit-box-shadow:4px 4px  
4px 4px #93C750; box-shadow:4px 4px 4px  
4px #93C750 }
```

Background

The CSS property to change the background color of an element to Hex 93C750 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C750 }
```

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

```
.background{ background-color:#93C750 }
```

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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