

# Converting Colors

Hex(93C96F)

Have a look what the booklet for  
Hex(93C96F) contains.

<b>Hex(93C96F)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

**Color**

**Hex(93C96F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	93C96F
RGB	147, 201, 111
RGB Percent	58%, 79%, 44%
CMY	0.4235, 0.2118, 0.5647
CMYK	0.27, 0.00, 0.45, 0.21
HSL	96°, 45%, 61%
HSV	96°, 45%, 79%
XYZ	35.7885, 49.1240, 22.6346
YIQ	174.5940, -3.2940, -39.4380

# Conversions

## Conversions Part 2

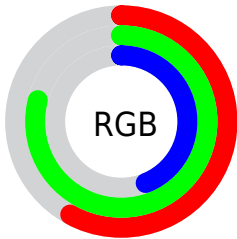
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 201, 165</a>
Decimal	<a href="#">9685359</a>
CIELab	<a href="#">75.53, -33.47, 39.33</a>
CIELCh	<a href="#">76, 51.641, 130.394</a>
Yxy	<a href="#">49.1240, 0.3328, 0.4568</a>
Android (android.graphics.Color)	<a href="#">4287875439 (0xFF93C96F)</a>
YUV	<a href="#">174.5940, -31.3518, -24.1999</a>
Hunter-Lab	<a href="#">70.0885, -31.5095, 29.9147</a>

# Details

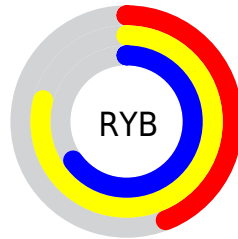
The Hex color **93C96F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **A56FC9**, and the grayscale version is **AFAFAF**.

A 20% lighter version of the original color is **CBFFA4**, and **5E933D** is the 20% darker color. If you saturate the color by 10%, you get **87C95B**, and if you desaturate by 10%, it is **9FC983**.

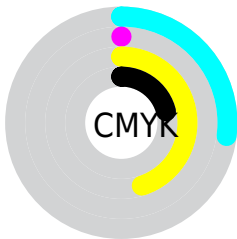
# Distribution



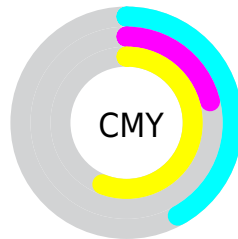
- Red (58%)
- Green (79%)
- Blue (44%)



- Red (44%)
- Yellow (79%)
- Blue (65%)



- Cyan (27%)
- Magenta (0%)
- Yellow (45%)
- Black (21%)



- Cyan (42%)
- Magenta (21%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 93C96F 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 93C96F by changing the saturation by 10% instead.





93C96F



93C96F

FFFFFF



78AD56



CBFFA4



5E933D



E8FFC0



447924



FFFFDC



295F08



FFFFF9



0C4700



003000



001C00



000000



93C96F



93C96F

 87C95B

 9FC983

 7BC947

 ABC997

 6FC933

 B7C9AB

 63C91F

 C3C9BF

 57C90B

 CFC9D4

 50C900

 DBC9E8

 E7C9FC

 F3C9FF

 FFC9FF

# Harmonies

## Analogous

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



C7BD59



93C96F



4ED098

# Triad

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



93C96F



00C8FF



FF92AB

# Complementary

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



93C96F



A56FC9

# Split Complementary

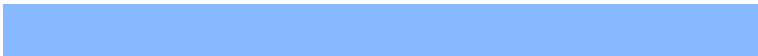
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF97DB



93C96F



89B9FF

# Square

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



93C96F



00D0F6



D4A7FF



FF9C7F

# Rectangle

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



93C96F



00D2B9



D4A7FF



FF92BB

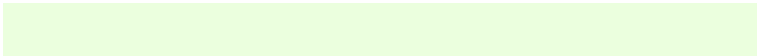


# Sweetspot

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



93C96F



EBFFDE



C9A56F



73806B



000000



808080

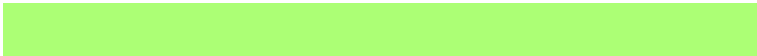


# Same Dimension

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



93C96F



ACFF75



6FC978



5D635A



41A300



0E2400



# Inverse Universe

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



A56FC9



C875FF



C96FC0



5F5A63



6200A3



150024



# Previews

## White Background



This preview shows how the Hex color 93C96F looks on a white background.

## Color Contrast Check

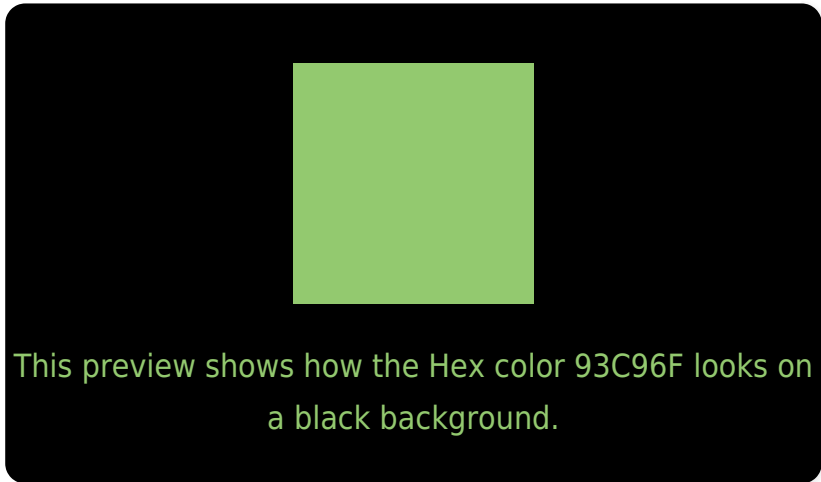
Large Text (above 18pt) WCAG AA × Fail

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 93C96F Background



This preview shows how black text looks on a background with the Hex color 93C96F.

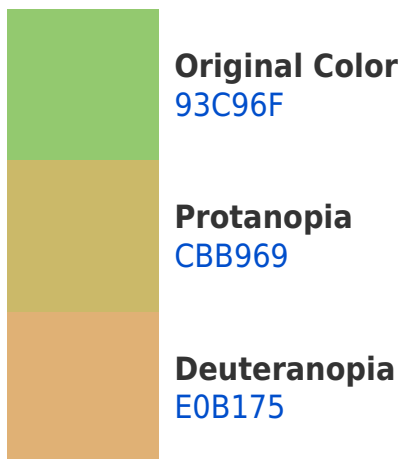


This preview shows how white text looks on a background with the Hex color 93C96F.

# Color Blindness Simulation

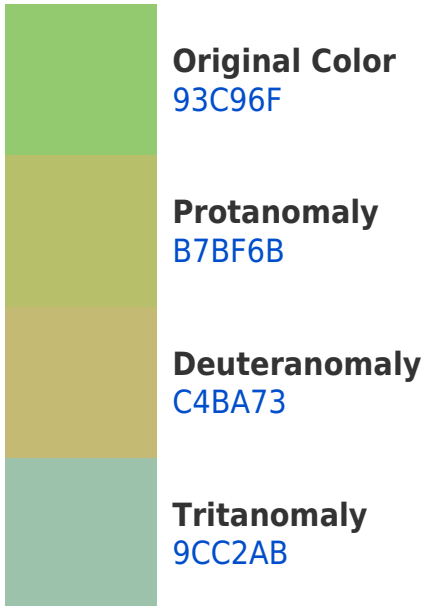
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

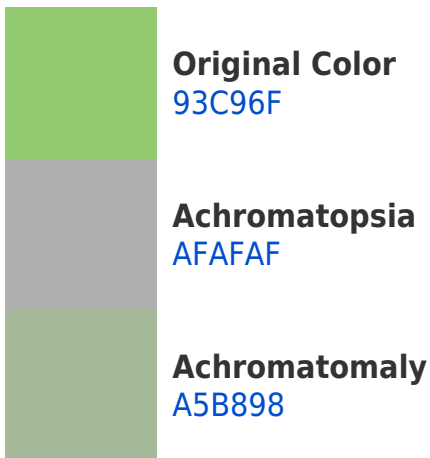




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 93C96F 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 #93C96F looks like.

```
.text, #text, p{  
    color:#93C96F  
}
```

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 #93C96F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #93C96F
}
```

## Border

The CSS property to change the border of an element to Hex 93C96F 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
#93C96F }
```

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

```
.border{ border-color:#93C96F }
```

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

Here you see how a box with a 4 pixel #93C96F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #93C96F; -webkit-box-shadow:4px 4px  
4px 4px #93C96F; box-shadow:4px 4px 4px  
4px #93C96F }
```

# Background

The CSS property to change the background color of an element to Hex 93C96F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#93C96F }
```

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

```
.background{ background-color:#93C96F }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor