

# Converting Colors

Hex(91CF6F)

Have a look what the booklet for  
Hex(91CF6F) contains.

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**Color**

**Hex(91CF6F)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	91CF6F
RGB	145, 207, 111
RGB Percent	57%, 81%, 44%
CMY	0.4314, 0.1882, 0.5647
CMYK	0.30, 0.00, 0.46, 0.19
HSL	99°, 50%, 62%
HSV	99°, 46%, 81%
XYZ	36.8591, 51.7931, 23.0933
YIQ	177.5180, -6.1360, -43.0000

# Conversions

## Conversions Part 2

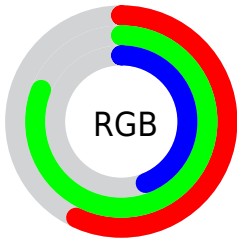
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">111, 207, 173</a>
Decimal	<a href="#">9555823</a>
CIELab	<a href="#">77.16, -36.92, 41.34</a>
CIELCh	<a href="#">77, 55.429, 131.765</a>
Yxy	<a href="#">51.7931, 0.3298, 0.4635</a>
Android (android.graphics.Color)	<a href="#">4287745903 (0xFF91CF6F)</a>
YUV	<a href="#">177.5180, -32.7934, -28.5183</a>
Hunter-Lab	<a href="#">71.9674, -34.5217, 31.3519</a>

# Details

The Hex color **91CF6F** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **AD6FCF**, and the grayscale version is **B2B2B2**.

A 20% lighter version of the original color is **C9FFA4**, and **5B983C** is the 20% darker color. If you saturate the color by 10%, you get **84CF5A**, and if you desaturate by 10%, it is **9ECF84**.

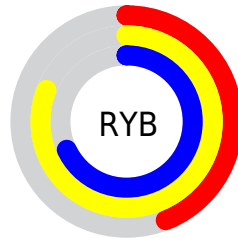
# Distribution



Red (57%)

Green (81%)

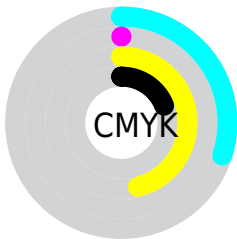
Blue (44%)



Red (44%)

Yellow (81%)

Blue (68%)

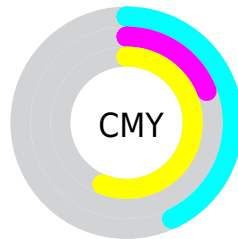


Cyan (30%)

Magenta (0%)

Yellow (46%)

Black (19%)



Cyan (43%)

Magenta (19%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91CF6F 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 91CF6F by changing the saturation by 10% instead.





91CF6F



91CF6F

FFFFFF



76B355



C9FFA4



5B983C



E6FFC0



407E23



FFFFDC



256506



FFFFF9



024C00



003500



002100



000000



91CF6F



91CF6F

 84CF5A

 9ECF84

 76CF46

 ACCF98

 69CF31

 B9CFAD

 5CCF1C

 C6CFC2

 4ECF07

 D4CFD6

 49CF00

 E1CFEB

 EFCFFF

 FCCFFF

 FFCFFF

# Harmonies

## Analogous

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



C9C256



91CF6F



40D69D

# Triad

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



91CF6F



00CDFE



FF93AC

# Complementary

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



91CF6F



AD6FCF

# 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.



FF98E0



91CF6F



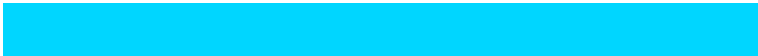
8DBDFF

# Square

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



91CF6F



00D6FF



DDA9FF



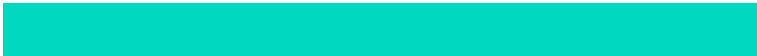
FF9E7D

# Rectangle

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



91CF6F



00D8C0



DDA9FF



FF93BE

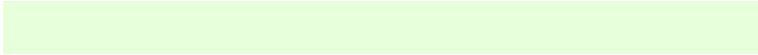


# Sweetspot

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



91CF6F



E8FFDB



CFAC6F



72806A



000000



808080



# Same Dimension

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



91CF6F



A3FF70



6FCF7C



62695E



3CA800



0E2900



# Inverse Universe

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



AD6FCF



CC70FF



CF6FC2



655E69



6D00A8



1A0029



# Previews

## White Background



This preview shows how the Hex color 91CF6F looks on a white background.

## Color Contrast Check

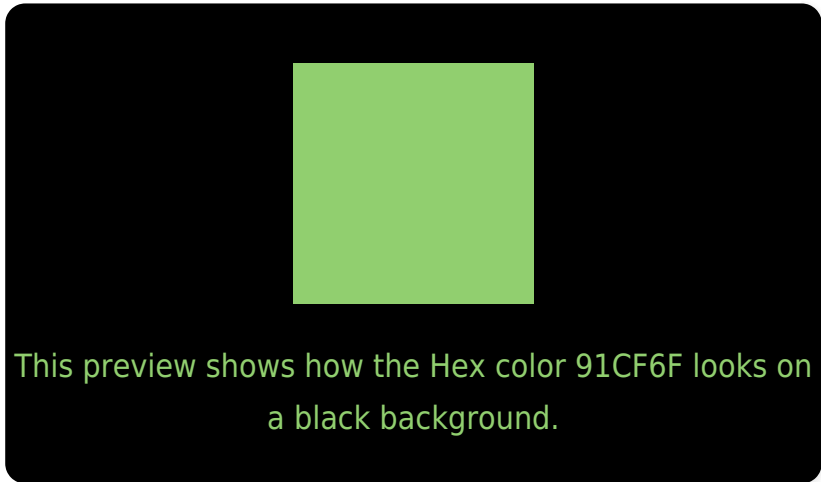
Large Text (above 18pt) WCAG AA × Fail

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

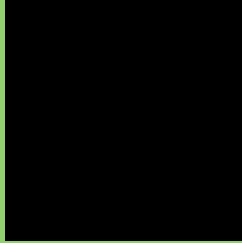
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91CF6F Background



This preview shows how black text looks on a background with the Hex color 91CF6F.

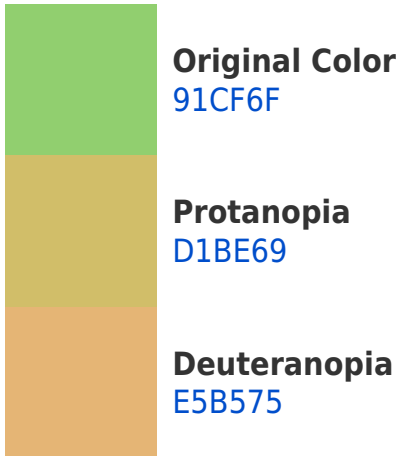


This preview shows how white text looks on a background with the Hex color 91CF6F.

# 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](#).

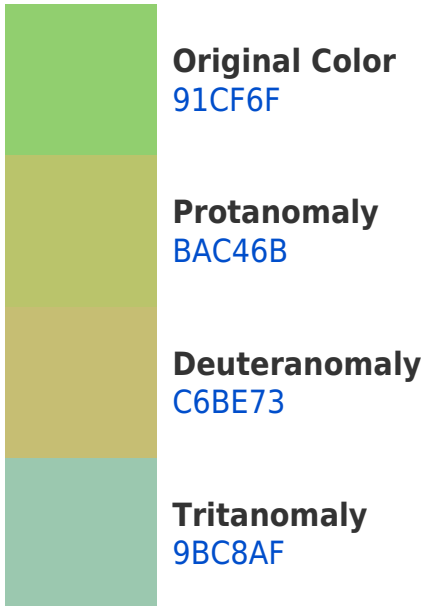
## Dichromacy



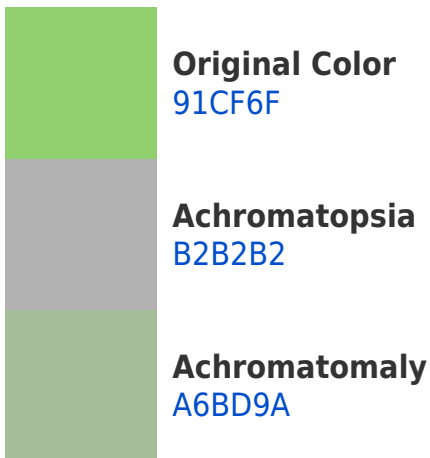


**Tritanopia**  
A1C4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91CF6F 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 #91CF6F looks like.

```
.text, #text, p{  
    color:#91CF6F  
}
```

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 #91CF6F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91CF6F
}
```

## Border

The CSS property to change the border of an element to Hex 91CF6F 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
#91CF6F }
```

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

```
.border{ border-color:#91CF6F }
```

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

Here you see how a box with a 4 pixel #91CF6F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91CF6F; -webkit-box-shadow:4px 4px  
4px 4px #91CF6F; box-shadow:4px 4px 4px  
4px #91CF6F }
```

# Background

The CSS property to change the background color of an element to Hex 91CF6F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91CF6F }
```

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

```
.background{ background-color:#91CF6F }
```

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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