

# Converting Colors

Hex(91CFC6)

Have a look what the booklet for  
Hex(91CFC6) contains.

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# **Color**

**Hex(91CFC6)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CFC6
RGB	145, 207, 198
RGB Percent	57%, 81%, 78%
CMY	0.4314, 0.1882, 0.2235
CMYK	0.30, 0.00, 0.04, 0.19
HSL	171°, 39%, 69%
HSV	171°, 30%, 81%
XYZ	44.1829, 54.7226, 61.6599
YIQ	187.4360, -34.0630, -15.9430

# Conversions

## Conversions Part 2

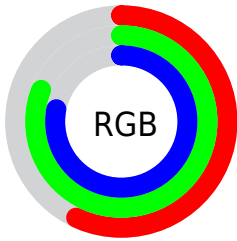
Format	Color
<a href="#">RYB</a>	<a href="#">145, 178, 207</a>
Decimal	<a href="#">9555910</a>
CIELab	<a href="#">78.88, -21.65, -1.88</a>
CIElCh	<a href="#">79, 21.727, 184.960</a>
Yxy	<a href="#">54.7226, 0.2752, 0.3408</a>
Android (android.graphics.Color)	<a href="#">4287745990 (0xFF91CFC6)</a>
YUV	<a href="#">187.4360, 5.2081, -37.2164</a>
Hunter-Lab	<a href="#">73.9747, -22.8430, 2.3625</a>

# Details

The Hex color **91CFC6** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **CF919A**, and the grayscale version is **BBBBBB**.

A 20% lighter version of the original color is **C8FFFF**, and **5C9890** is the 20% darker color. If you saturate the color by 10%, you get **7CCFC3**, and if you desaturate by 10%, it is **A6CFC9**.

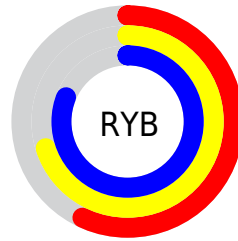
# Distribution



Red (57%)

Green (81%)

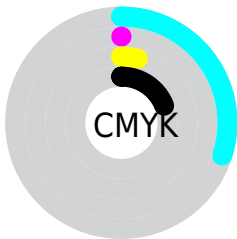
Blue (78%)



Red (57%)

Yellow (70%)

Blue (81%)

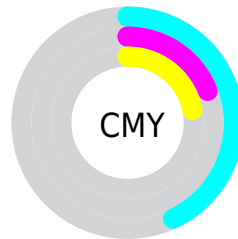


Cyan (30%)

Magenta (0%)

Yellow (4%)

Black (19%)



Cyan (43%)

Magenta (19%)


Yellow (22%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 91CFC6 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 91CFC6 by changing the saturation by 10% instead.



 91CFC6

 91CFC6

FFFFFF

 76B3AB

 C8FFFF

 5C9890

 E5FFFF

 427E77


 28655E

 074D46

 003630

 00211B

 000000

 91CFC6

 91CFC6

 7CCFC3

 A6CFC9

 68CFC0

 BACFCC

 53CFBD

 CFCFCF

 3ECFBA

 E4CFD2

 29CFB7

 F9CFD5

 15CFB4

 FFCFD8

 00CFB1

 FFCFDB

 FFCFDE

 FFCFE1

# Harmonies

## Analogous

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



A2CDB2



91CFC6



8CCEDA

# Triad

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



91CFC6



CBBDE4



E2BC9F

# Complementary

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



91CFC6



CF919A

# 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.



ECB7AD



91CFC6



E1B7D5

# Square

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



91CFC6



B0C4EB



ECB5C1



CFC39B

# Rectangle

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



91CFC6



93CCE4



ECB5C1



E6BAA3



# Sweetspot

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



91CFC6



E8FFFC



9ACF91



71807D



000000



808080

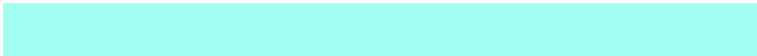


# Same Dimension

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



91CFC6



A3FFF2



91B9CF



5E6967



00A890



002923



# Inverse Universe

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



CF919A



FFA3B1



CFA791



695E60



A80018

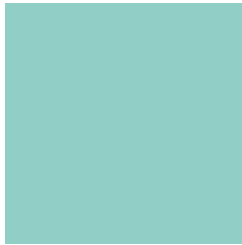


290006



# Previews

## White Background



This preview shows how the Hex color 91CFC6 looks on a white background.

## Color Contrast Check

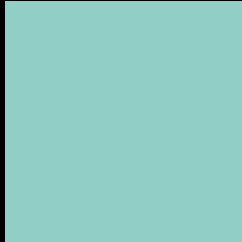
Large Text (above 18pt) WCAG AA × Fail

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 91CFC6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

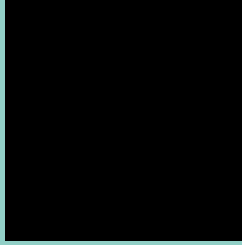
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

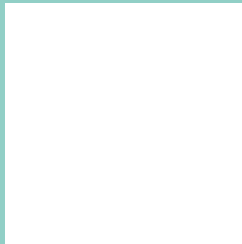
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91CFC6 Background



This preview shows how black text looks on a background with the Hex color 91CFC6.

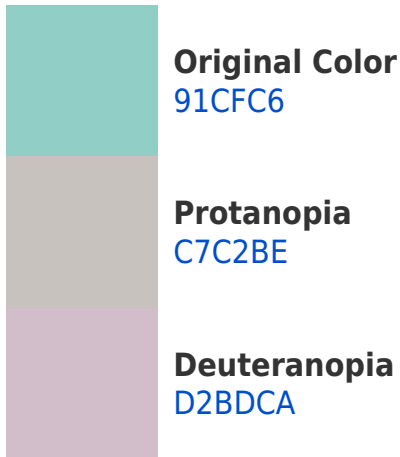


This preview shows how white text looks on a background with the Hex color 91CFC6.

# Color Blindness Simulation

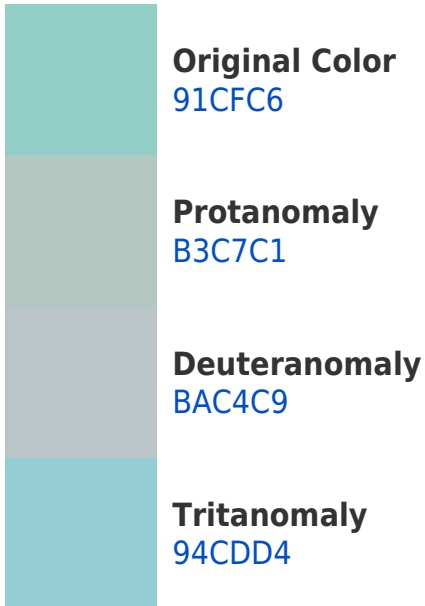
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

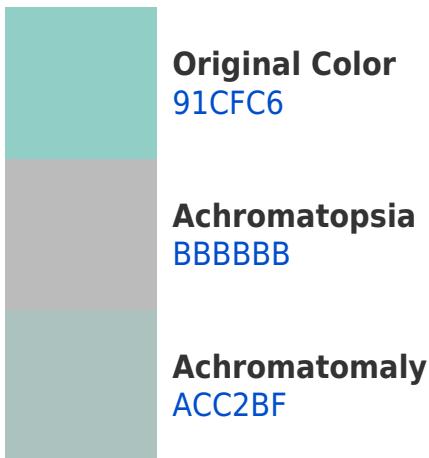




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91CFC6 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 #91CFC6 looks like.

```
.text, #text, p{  
    color:#91CFC6  
}
```

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 #91CFC6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91CFC6  
}
```

## Border

The CSS property to change the border of an element to Hex 91CFC6 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  
#91CFC6 }
```

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

```
.border{ border-color:#91CFC6 }
```

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

Here you see how a box with a 4 pixel #91CFC6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91CFC6; -webkit-box-shadow:4px 4px  
4px 4px #91CFC6; box-shadow:4px 4px 4px  
4px #91CFC6 }
```

# Background

The CSS property to change the background color of an element to Hex 91CFC6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91CFC6 }
```

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

```
.background{ background-color:#91CFC6 }
```

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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