

# Converting Colors

Hex(91CFD4)

Have a look what the booklet for  
Hex(91CFD4) contains.

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# **Color**

**Hex(91CFD4)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 91CFD4                       |
| RGB         | 145, 207, 212                |
| RGB Percent | 57%, 81%, 83%                |
| CMY         | 0.4314, 0.1882, 0.1686       |
| CMYK        | 0.32, 0.02, 0.00, 0.17       |
| HSL         | 184°, 44%, 70%               |
| HSV         | 184°, 32%, 83%               |
| XYZ         | 45.8735, 55.3989, 70.5626    |
| YIQ         | 189.0320, -38.5570, -11.5890 |

# Conversions

## Conversions Part 2

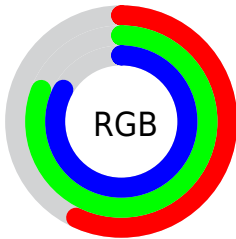
| <b>Format</b>                       | <b>Color</b>                   |
|-------------------------------------|--------------------------------|
| <b>RYB</b>                          | 145, 177, 212                  |
| Decimal                             | 9555924                        |
| CIELab                              | 79.27, -18.45, -8.82           |
| CIELCh                              | 79, 20.444, 205.545            |
| Yxy                                 | 55.3989, 0.2670,<br>0.3224     |
| Android<br>(android.graphics.Color) | 4287746004<br>(0xFF91CFD4)     |
| YUV                                 | 189.0320, 11.3232,<br>-38.6161 |
| Hunter-Lab                          | 74.4304, -20.2387,<br>-4.1077  |

# Details

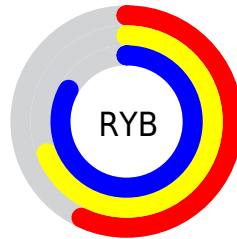
The Hex color **91CFD4** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **D49691**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C9FFFF**, and **5B999D** is the 20% darker color. If you saturate the color by 10%, you get **7CCDD4**, and if you desaturate by 10%, it is **A6D1D4**.

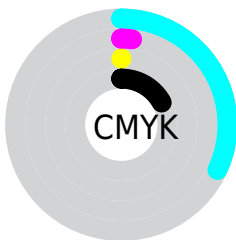
# Distribution



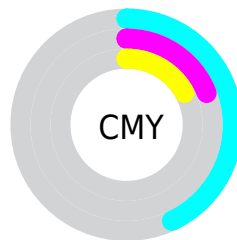
- Red (57%)
- Green (81%)
- Blue (83%)



- Red (57%)
- Yellow (69%)
- Blue (83%)



- Cyan (32%)
- Magenta (2%)
- Yellow (0%)
- Black (17%)



- Cyan (43%)
- Magenta (19%)
- Yellow (17%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91CFD4 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 91CFD4 by changing the saturation by 10% instead.



 91CFD4

 91CFD4

FFFFFF

 76B3B8

 C9FFFF

 5B999D

 E6FFFF

 417E83

 25656A

 004D52

 00363B

 002125

 000111

 000000

■ 91CFD4

■ 91CFD4

■ 7CCDD4

■ A6D1D4

■ 67CCD4

■ BBD2D4

■ 51CAD4

■ D1D4D4

■ 3CC9D4

■ E6D5D4

■ 27C7D4

■ FBD7D4

■ 12C6D4

■ FFD8D4

■ 00C4D4

■ FFDAD4

■ FFDCD4

■ FFDDD4

# Harmonies

## Analogous

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



9ACFC1



91CFD4



97CCE3

# Triad

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



91CFD4



DBBBDA



D6C29F

# Complementary

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



91CFD4



D49691

# 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.



E5BCA6



91CFD4



E9B7C8

# Square

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



91CFD4



C4C0E7



ECB8B5



C2C8A2

# Rectangle

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



91CFD4



A4C9E9



ECB8B5



DCC0A0

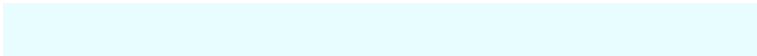


# Sweetspot

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



91CFD4



E8FDFF



91D495



717E80



000000



808080



# Same Dimension

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



91CFD4



9EF8FF



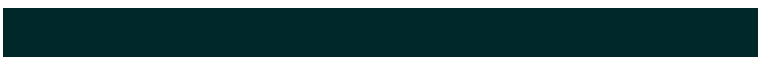
91AED4



606A6B



009EAB



00282B



# Inverse Universe

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



D491CF



FF9EF8



D4B791



6B606A



AB009E

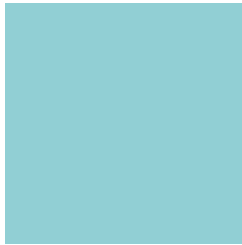


2B0028



# Previews

## White Background



This preview shows how the Hex color 91CFD4 looks on a white background.

## Color Contrast Check

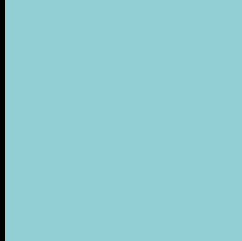
Large Text (above 18pt) WCAG AA × Fail

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 91CFD4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

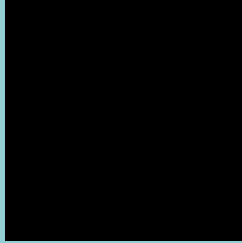
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

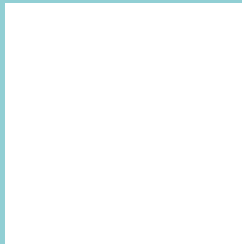
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 91CFD4 Background



This preview shows how black text looks on a background with the Hex color 91CFD4.

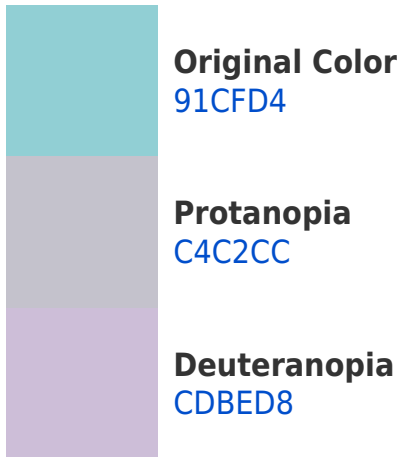


This preview shows how white text looks on a background with the Hex color 91CFD4.

# 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](#).

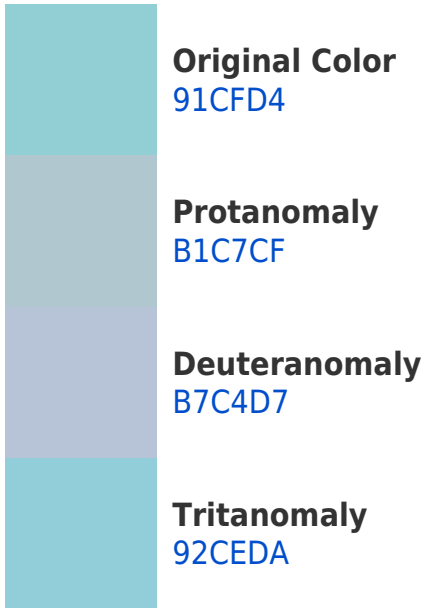
## Dichromacy



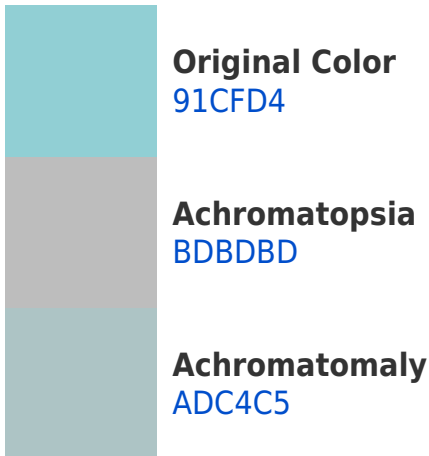


**Tritanopia**  
93CDDE

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91CFD4 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 #91CFD4 looks like.

```
.text, #text, p{  
    color:#91CFD4  
}
```

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 #91CFD4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91CFD4
}
```

## Border

The CSS property to change the border of an element to Hex 91CFD4 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
#91CFD4 }
```

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

```
.border{ border-color:#91CFD4 }
```

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

Here you see how a box with a 4 pixel #91CFD4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91CFD4; -webkit-box-shadow:4px 4px  
4px 4px #91CFD4; box-shadow:4px 4px 4px  
4px #91CFD4 }
```

# Background

The CSS property to change the background color of an element to Hex 91CFD4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91CFD4 }
```

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

```
.background{ background-color:#91CFD4 }
```

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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