

# Converting Colors

Hex(91CC92)

Have a look what the booklet for  
Hex(91CC92) contains.

<b>Hex(91CC92)</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(91CC92)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91CC92
RGB	145, 204, 146
RGB Percent	57%, 80%, 57%
CMY	0.4314, 0.2000, 0.4275
CMYK	0.29, 0.00, 0.28, 0.20
HSL	121°, 37%, 68%
HSV	121°, 29%, 80%
XYZ	38.4582, 51.2808, 35.0654
YIQ	179.7470, -16.5460, -30.5460

# Conversions

## Conversions Part 2

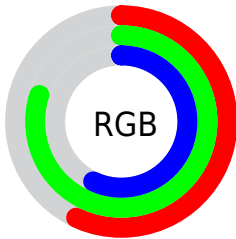
Format	Color
<a href="#">RYB</a>	<a href="#">145, 203, 204</a>
Decimal	<a href="#">9555090</a>
CIELab	<a href="#">76.85, -30.39, 23.00</a>
CIELCh	<a href="#">77, 38.112, 142.889</a>
Yxy	<a href="#">51.2808, 0.3081, 0.4109</a>
Android (android.graphics.Color)	<a href="#">4287745170 (0xFF91CC92)</a>
YUV	<a href="#">179.7470, -16.6373, -30.4731</a>
Hunter-Lab	<a href="#">71.6106, -29.4558, 21.0951</a>

# Details

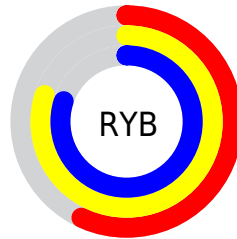
The Hex color **91CC92** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CC91CB**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C8FFC8**, and **5C955F** is the 20% darker color. If you saturate the color by 10%, you get **7DCC7E**, and if you desaturate by 10%, it is **A5CCA6**.

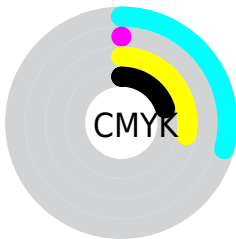
# Distribution



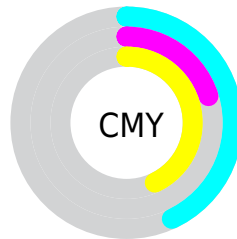
- Red (57%)
- Green (80%)
- Blue (57%)



- Red (57%)
- Yellow (80%)
- Blue (80%)



- Cyan (29%)
- Magenta (0%)
- Yellow (28%)
- Black (20%)



- Cyan (43%)
- Magenta (20%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91CC92 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 91CC92 by changing the saturation by 10% instead.



 91CC92

 91CC92

FFFFFF

 76B078

 C8FFC8

 5C955F

 E5FFE4

 437B47


 2A6230

 0D4A1A

 003301

 002000

 000000

 91CC92

 91CC92

 7DCC7E

 A5CCA6

 68CC6A

 BACCBA

 54CC56

 CECCCE

 3FCC42

 E3CCE2

 2BCC2E

 F7CCF6

 17CC1A

 FFCCFF

 02CC06

 00CC03

# Harmonies

## Analogous

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



BAC47C



91CC92



65D0B4

# Triad

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



91CC92



7EC4FF



FFA4A4

# Complementary

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



91CC92



CC91CB

# 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.



FDA3C8



91CC92



B6B8FF

# Square

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



91CC92



48CCF5



E2ABE9



F7AD87

# Rectangle

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



91CC92



49D1CC



E2ABE9



FFA3B0

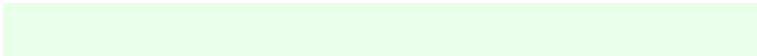


# Sweetspot

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



91CC92



E8FFE8



CBCC91



718072



000000



808080

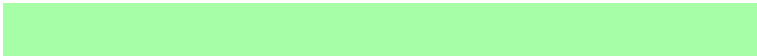


# Same Dimension

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



91CC92



A6FFA7



91CCAF



5C665C



00A603



002601



# Inverse Universe

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



CC91CB



FFA6FD



CC91AE



665C66



A600A3

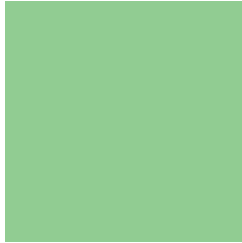


260026



# Previews

## White Background



This preview shows how the Hex color 91CC92 looks on a white background.

## Color Contrast Check

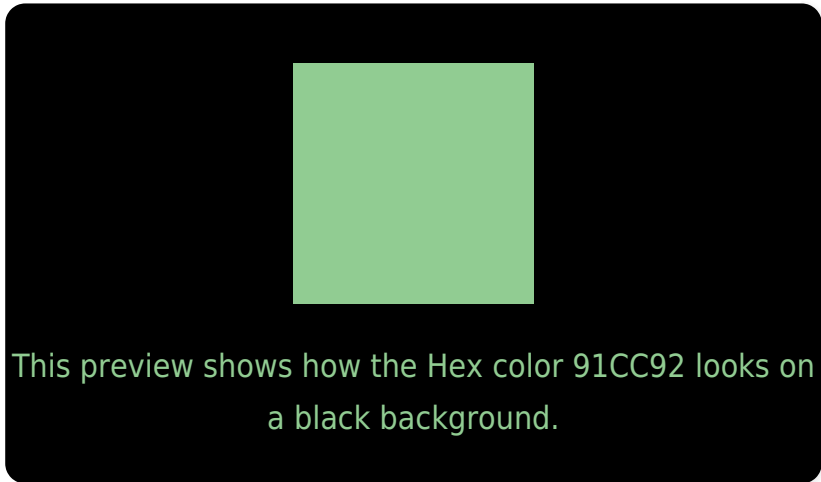
Large Text (above 18pt) WCAG AA × Fail

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

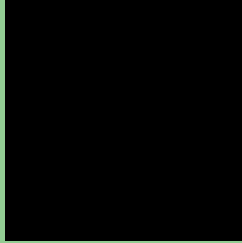
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91CC92 Background



This preview shows how black text looks on a background with the Hex color 91CC92.

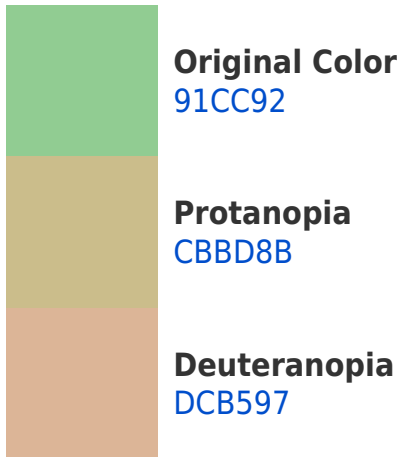


This preview shows how white text looks on a background with the Hex color 91CC92.

# 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](#).

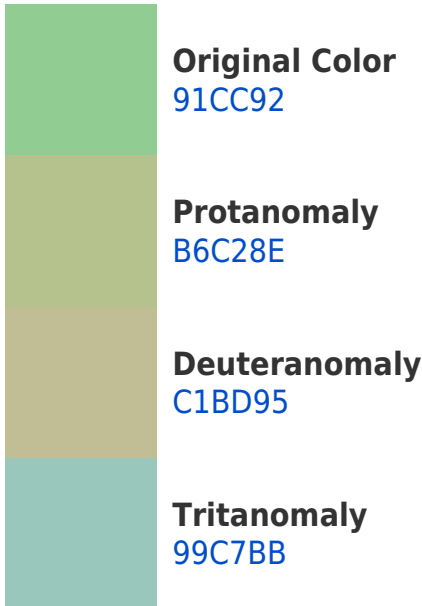
## Dichromacy



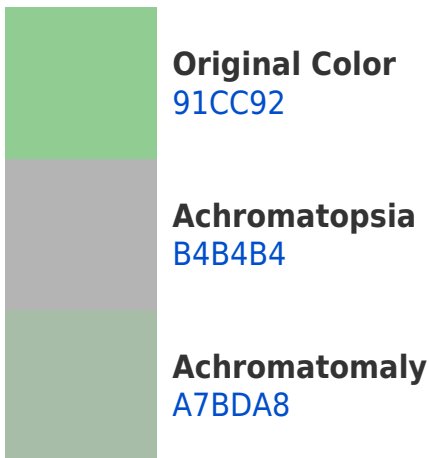


**Tritanopia**  
9DC4D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91CC92 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 #91CC92 looks like.

```
.text, #text, p{  
    color:#91CC92  
}
```

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 #91CC92 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91CC92
}
```

## Border

The CSS property to change the border of an element to Hex 91CC92 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
#91CC92 }
```

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

```
.border{ border-color:#91CC92 }
```

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

Here you see how a box with a 4 pixel #91CC92 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91CC92; -webkit-box-shadow:4px 4px  
4px 4px #91CC92; box-shadow:4px 4px 4px  
4px #91CC92 }
```

# Background

The CSS property to change the background color of an element to Hex 91CC92 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91CC92 }
```

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

```
.background{ background-color:#91CC92 }
```

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