

# Converting Colors

Hex(91DC91)

Have a look what the booklet for  
Hex(91DC91) contains.

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# **Color**

**Hex(91DC91)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91DC91
RGB	145, 220, 145
RGB Percent	57%, 86%, 57%
CMY	0.4314, 0.1373, 0.4314
CMYK	0.34, 0.00, 0.34, 0.14
HSL	120°, 52%, 72%
HSV	120°, 34%, 86%
XYZ	42.3811, 59.2505, 35.9908
YIQ	189.0250, -20.6250, -39.2250

# Conversions

## Conversions Part 2

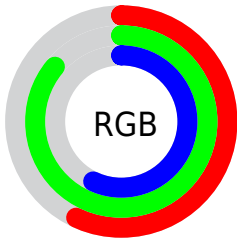
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 220, 220
Decimal	9559185
CIELab	81.43, -37.97, 29.70
CIELCh	81, 48.201, 141.968
Yxy	59.2505, 0.3080, 0.4305
Android (android.graphics.Color)	4287749265 (0xFF91DC91)
YUV	189.0250, -21.7043, -38.6099
Hunter-Lab	76.9743, -36.4252, 26.1598

# Details

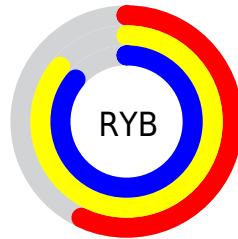
The Hex color **91DC91** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **DC91DC**, and the grayscale version is **BDBDBD**.

A 20% lighter version of the original color is **C9FFC7**, and **5BA45E** is the 20% darker color. If you saturate the color by 10%, you get **7BDC7B**, and if you desaturate by 10%, it is **A7DCA7**.

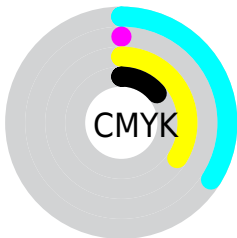
# Distribution



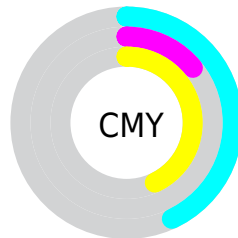
- Red (57%)
- Green (86%)
- Blue (57%)



- Red (57%)
- Yellow (86%)
- Blue (86%)



- Cyan (34%)
- Magenta (0%)
- Yellow (34%)
- Black (14%)



- Cyan (43%)
- Magenta (14%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 91DC91 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 91DC91 by changing the saturation by 10% instead.



 91DC91

 91DC91

FFFFFF

 76C077

 C9FFC7

 5BA45E

 E6FFE4

 408A45

 24702E

 005717

 003F00

 002900

 000A00

 000000

 91DC91

 91DC91

 7BDC7B

 A7DCA7

 65DC65

 BDDCBD

 4FDC4F

 D3DCD3

 39DC39

 E9DCE9

 23DC23

 FFDCFF

 0DDC0D

 00DC00

# Harmonies

## Analogous

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



C6D274



91DC91



4EE1BC

# Triad

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



91DC91



6BD3FF



FFA8AB

# Complementary

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



91DC91



DC91DC

# 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.



FFA7D8



91DC91



BDC3FF

# Square

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



91DC91



00DDFF



F7B2FF



FFB485

# Rectangle

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



91DC91



00E2DC



F7B2FF



FFA6BA

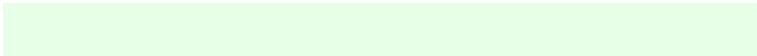


# Sweetspot

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



91DC91



E6FFE6



DCDC91



708070



000000



808080



# Same Dimension

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



91DC91



96FF96



91DCB7



636E63



00AD00



002E00



# Inverse Universe

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



DC91DC



FF96FF



DC91B7



6E636E



AD00AD



2E002E



# Previews

## White Background



This preview shows how the Hex color 91DC91 looks on a white background.

## Color Contrast Check

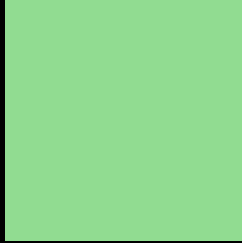
Large Text (above 18pt) WCAG AA × Fail

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 91DC91 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

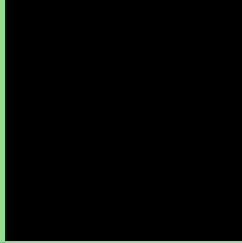
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91DC91 Background



This preview shows how black text looks on a background with the Hex color 91DC91.

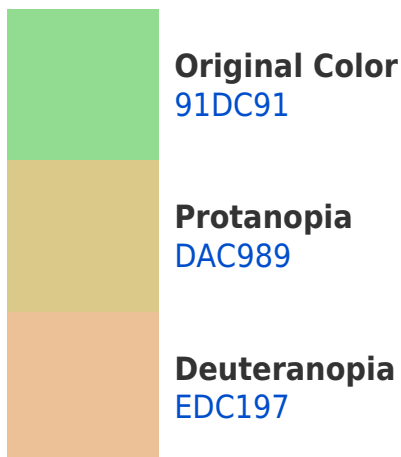


This preview shows how white text looks on a background with the Hex color 91DC91.

# 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](#).

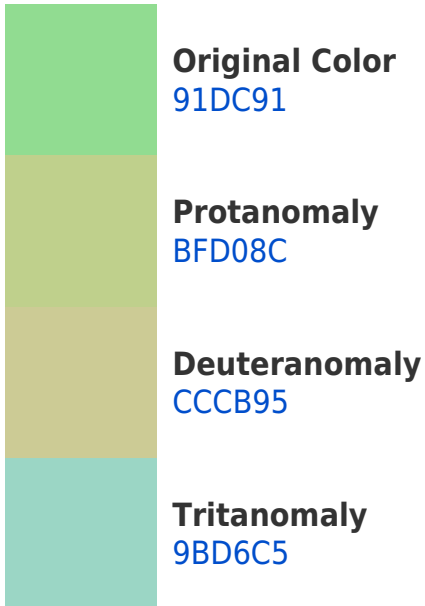
## Dichromacy



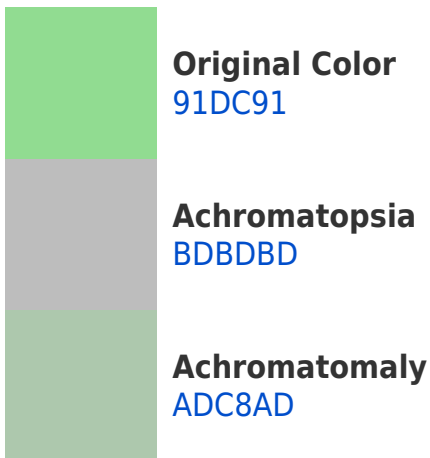


**Tritanopia**  
A0D2E3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 91DC91 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 #91DC91 looks like.

```
.text, #text, p{  
    color:#91DC91  
}
```

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 #91DC91 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #91DC91
}
```

## Border

The CSS property to change the border of an element to Hex 91DC91 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
#91DC91 }
```

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

```
.border{ border-color:#91DC91 }
```

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

Here you see how a box with a 4 pixel #91DC91 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #91DC91; -webkit-box-shadow:4px 4px  
4px 4px #91DC91; box-shadow:4px 4px 4px  
4px #91DC91 }
```

# Background

The CSS property to change the background color of an element to Hex 91DC91 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#91DC91 }
```

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

```
.background{ background-color:#91DC91 }
```

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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