

# Converting Colors

Hex(92CE7E)

Have a look what the booklet for  
Hex(92CE7E) contains.

|  |    |
|--|----|
| <b>Hex(92CE7E)</b> .....                       | 3  |
| <b><i>Conversions</i></b> .....                | 4  |
| <b><i>Details</i></b> .....                    | 6  |
| <b><i>Harmonies</i></b> .....                  | 11 |
| <b><i>Previews</i></b> .....                   | 23 |
| <b><i>Color Blindness Simulation</i></b> ..... | 26 |
| <b><i>CSS Examples</i></b> .....               | 29 |

**Color**

**Hex(92CE7E)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>                 |
|---------------|------------------------------|
| Hex           | 92CE7E                       |
| RGB           | 146, 206, 126                |
| RGB Percent   | 57%, 81%, 49%                |
| CMY           | 0.4275, 0.1922, 0.5059       |
| CMYK          | 0.29, 0.00, 0.39, 0.19       |
| HSL           | 105°, 45%, 65%               |
| HSV           | 105°, 39%, 81%               |
| XYZ           | 37.6913, 51.7600, 27.7428    |
| YIQ           | 178.9400, -10.0800, -37.6000 |

# Conversions

## Conversions Part 2

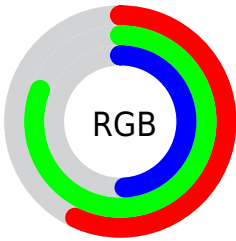
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>RYB</b>                          | 126, 206, 186                   |
| Decimal                             | 9621118                         |
| CIELab                              | 77.14, -34.11, 33.79            |
| CIELCh                              | 77, 48.013, 135.272             |
| Yxy                                 | 51.7600, 0.3216,<br>0.4417      |
| Android<br>(android.graphics.Color) | 4287811198<br>(0xFF92CE7E)      |
| YUV                                 | 178.9400, -26.0994,<br>-28.8884 |
| Hunter-Lab                          | 71.9444, -32.3876,<br>27.4980   |

# Details

The Hex color **92CE7E** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **BA7ECE**, and the grayscale version is **B3B3B3**.

A 20% lighter version of the original color is **CAFFB4**, and **5D974C** is the 20% darker color. If you saturate the color by 10%, you get **83CE69**, and if you desaturate by 10%, it is **A1CE93**.

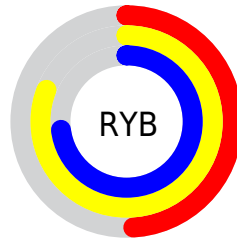
# Distribution



Red (57%)

Green (81%)

Blue (49%)



Red (49%)

Yellow (81%)

Blue (73%)

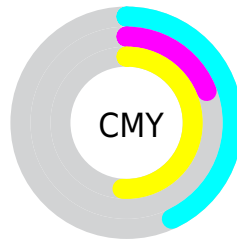


Cyan (29%)

Magenta (0%)

Yellow (39%)

Black (19%)



Cyan (43%)

Magenta (19%)

Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92CE7E 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 92CE7E by changing the saturation by 10% instead.



 92CE7E

 92CE7E

FFFFFF

 77B264

 CAFFB4

 5D974C

 E6FFCF

 437D33

 FFFFEC

 28641C

 094B02

 003400

 002000

 000000

 92CE7E

 92CE7E

 83CE69

 A1CE93

 73CE55

 B1CEA7

 64CE40

 C0CEBC

 54CE2C

 D0CED0

 45CE17

 DFCEE5

 35CE02

 EFCEFA

 34CE00

 FECEFF

 FFCEFF

# Harmonies

## Analogous

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



C4C366



92CE7E



52D4A6

# Triad

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



92CE7E



43C9FF



FF9BA9

# Complementary

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



92CE7E



BA7ECE

# 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.



FF9DD6



92CE7E



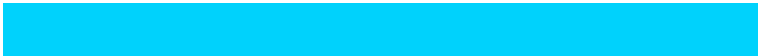
A0BBFF

# Square

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



92CE7E



00D2FC



E0AAFD



FFA581

# Rectangle

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



92CE7E



00D6C5



E0AAFD



FF9AB8

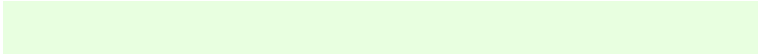


# Sweetspot

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



92CE7E



E8FFE0



CEBA7E



72806E



000000



808080

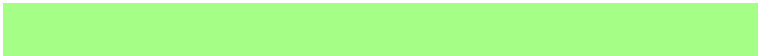


# Same Dimension

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



92CE7E



A5FF87



7ECE92



5E665C



29A600



0A2600



# Inverse Universe

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



BA7ECE



E187FF



CE7EBA



635C66



7C00A6



1D0026



# Previews

## White Background



This preview shows how the Hex color 92CE7E looks on a white background.

## Color Contrast Check

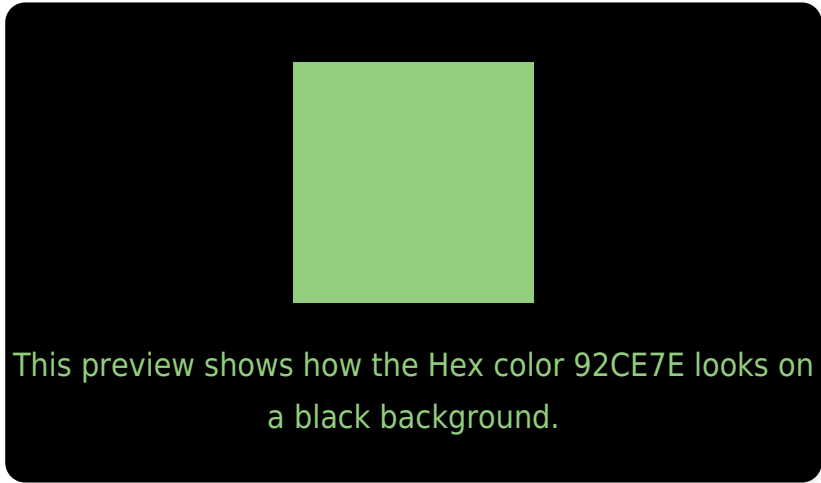
Large Text (above 18pt) WCAG AA × Fail

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 92CE7E Background



This preview shows how black text looks on a background with the Hex color 92CE7E.

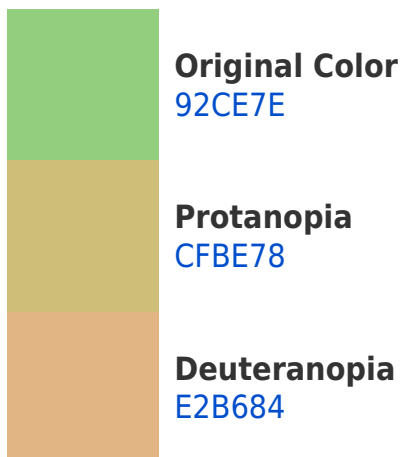


This preview shows how white text looks on a background with the Hex color 92CE7E.

# 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**  
A0C4D3

# Trichromacy



**Original Color**  
92CE7E



**Protanomaly**  
B9C47A



**Deuteranomaly**  
C5BF82



**Tritanomaly**  
9BC8B4

# Monochromacy



**Original Color**  
92CE7E



**Achromatopsia**  
B3B3B3



**Achromatomaly**  
A7BDA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92CE7E 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 #92CE7E looks like.

```
.text, #text, p{  
    color:#92CE7E  
}
```

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 #92CE7E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92CE7E
}
```

## Border

The CSS property to change the border of an element to Hex 92CE7E 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
#92CE7E }
```

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

```
.border{ border-color:#92CE7E }
```

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

Here you see how a box with a 4 pixel #92CE7E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92CE7E; -webkit-box-shadow:4px 4px  
4px 4px #92CE7E; box-shadow:4px 4px 4px  
4px #92CE7E }
```

# Background

The CSS property to change the background color of an element to Hex 92CE7E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92CE7E }
```

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

```
.background{ background-color:#92CE7E }
```

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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