

# Converting Colors

Hex(90CD8E)

Have a look what the booklet for  
Hex(90CD8E) contains.

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**Color**

**Hex(90CD8E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90CD8E
RGB	144, 205, 142
RGB Percent	56%, 80%, 56%
CMY	0.4353, 0.1961, 0.4431
CMYK	0.30, 0.00, 0.31, 0.20
HSL	118°, 39%, 68%
HSV	118°, 31%, 80%
XYZ	38.2154, 51.5449, 33.5262
YIQ	179.5790, -16.1330, -32.5250

# Conversions

## Conversions Part 2

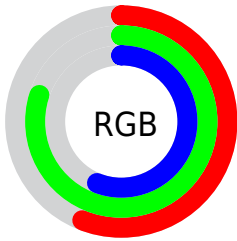
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">142, 205, 203</a>
Decimal	<a href="#">9489806</a>
CIELab	<a href="#">77.01, -31.86, 25.31</a>
CIELCh	<a href="#">77, 40.686, 141.540</a>
Yxy	<a href="#">51.5449, 0.3100, 0.4181</a>
Android (android.graphics.Color)	<a href="#">4287679886 (0xFF90CD8E)</a>
YUV	<a href="#">179.5790, -18.5264, -31.2028</a>
Hunter-Lab	<a href="#">71.7948, -30.6277, 22.5696</a>

# Details

The Hex color **90CD8E** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **CB8ECD**, and the grayscale version is **B4B4B4**.

A 20% lighter version of the original color is **C7FFC4**, and **5B965B** is the 20% darker color. If you saturate the color by 10%, you get **7CCD7A**, and if you desaturate by 10%, it is **A4CDA3**.

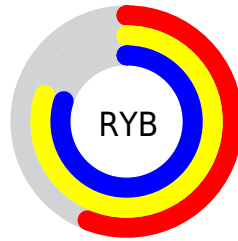
# Distribution



Red (56%)

Green (80%)

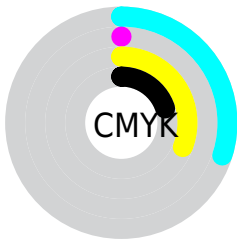
Blue (56%)



Red (56%)

Yellow (80%)

Blue (80%)

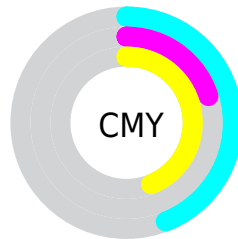


Cyan (30%)

Magenta (0%)

Yellow (31%)

Black (20%)



Cyan (44%)

Magenta (20%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90CD8E 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 90CD8E by changing the saturation by 10% instead.



 90CD8E

 90CD8E

FFFFFF

 75B174

 C7FFC4

 5B965B

 E4FFE0

 427C43

FFFFFFD

 28632C

 0A4B16

 003300

 002000

 000000

 90CD8E

 90CD8E

 7CCD7A

 A4CDA3

 68CD65

 B8CDB7

 54CD51

 CCCDCC

 41CD3C

 DFCDE0

 2DCD27

 F3CDF5

 19CD13

 FFCDFE

 07CD00

# Harmonies

## Analogous

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



BBC477



90CD8E



5FD2B2

# Triad

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



90CD8E



75C5FF



FFA2A4

# Complementary

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



90CD8E



CB8ECD

# 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.



FFA2CA



90CD8E



B3B8FF

# Square

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



90CD8E



31CEF8



E3ABED



FCAB85

# Rectangle

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



90CD8E



3AD2CC



E3ABED



FFA1B1

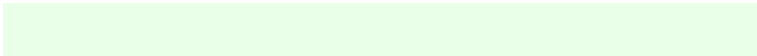


# Sweetspot

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



90CD8E



E9FFE8



CDCB8E



728071



000000



808080

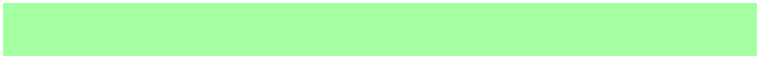


# Same Dimension

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



90CD8E



A4FFA1



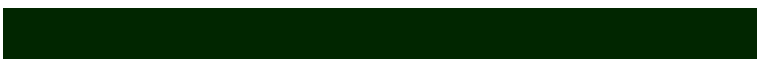
8ECDAB



5C665C



05A600



012600



# Inverse Universe

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



CB8ECD



FCA1FF



CD8EB0



665C66



A000A6

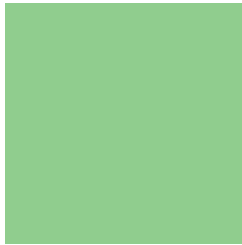


250026



# Previews

## White Background



This preview shows how the Hex color 90CD8E looks on a white background.

## Color Contrast Check

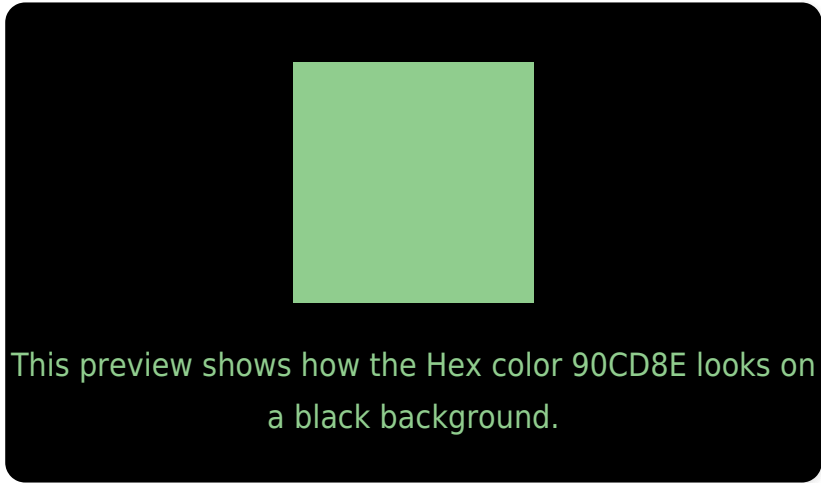
Large Text (above 18pt) WCAG AA × Fail

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

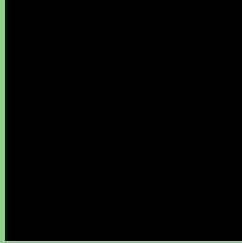
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 90CD8E Background



This preview shows how black text looks on a background with the Hex color 90CD8E.

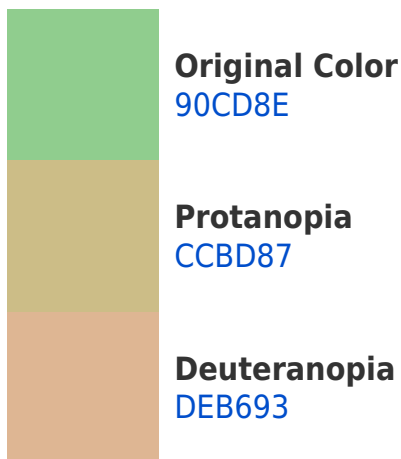


This preview shows how white text looks on a background with the Hex color 90CD8E.

# 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](#).

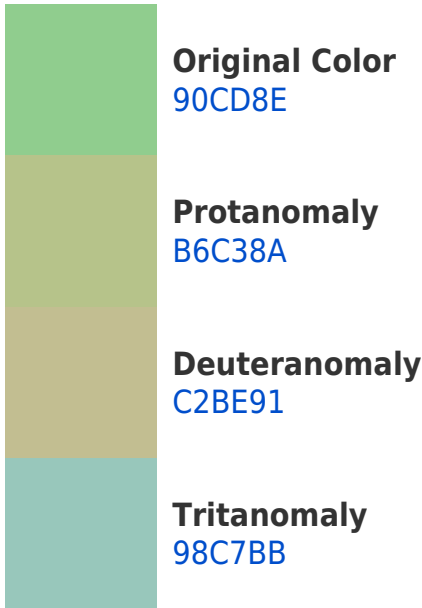
## Dichromacy





**Tritanopia**  
9DC4D4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90CD8E 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 #90CD8E looks like.

```
.text, #text, p{  
    color:#90CD8E  
}
```

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 #90CD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90CD8E
}
```

## Border

The CSS property to change the border of an element to Hex 90CD8E 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
#90CD8E }
```

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

```
.border{ border-color:#90CD8E }
```

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

Here you see how a box with a 4 pixel #90CD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90CD8E; -webkit-box-shadow:4px 4px  
4px 4px #90CD8E; box-shadow:4px 4px 4px  
4px #90CD8E }
```

# Background

The CSS property to change the background color of an element to Hex 90CD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90CD8E }
```

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

```
.background{ background-color:#90CD8E }
```

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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