

# Converting Colors

Hex(90E4E8)

Have a look what the booklet for  
Hex(90E4E8) contains.

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# **Color**

**Hex(90E4E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	90E4E8
RGB	144, 228, 232
RGB Percent	56%, 89%, 91%
CMY	0.4353, 0.1059, 0.0902
CMYK	0.38, 0.02, 0.00, 0.09
HSL	183°, 66%, 74%
HSV	183°, 38%, 91%
XYZ	53.8105, 67.2423, 86.4869
YIQ	203.3400, -51.3480, -16.5640

# Conversions

## Conversions Part 2

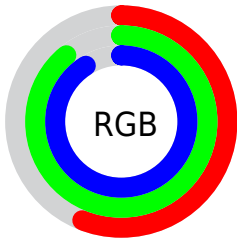
<b>Format</b>	<b>Color</b>
<b>RYB</b>	144, 187, 232
Decimal	9495784
CIELab	85.63, -24.41, -10.00
CIELCh	86, 26.384, 202.285
Yxy	67.2423, 0.2593, 0.3240
Android (android.graphics.Color)	4287685864 (0xFF90E4E8)
YUV	203.3400, 14.1294, -52.0412
Hunter-Lab	82.0014, -26.3682, -5.1322

# Details

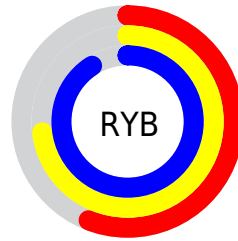
The Hex color **90E4E8** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E89490**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C9FFFF**, and **58ACB0** is the 20% darker color. If you saturate the color by 10%, you get **79E3E8**, and if you desaturate by 10%, it is **A7E5E8**.

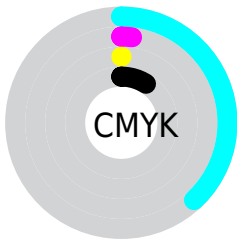
# Distribution



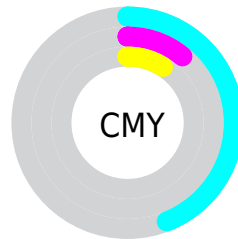
- Red (56%)
- Green (89%)
- Blue (91%)



- Red (56%)
- Yellow (73%)
- Blue (91%)



- Cyan (38%)
- Magenta (2%)
- Yellow (0%)
- Black (9%)



- Cyan (44%)
- Magenta (11%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 90E4E8 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 90E4E8 by changing the saturation by 10% instead.



 90E4E8

 90E4E8

FFFFFF

 74C8CC

 C9FFFF

 58ACB0

 E6FFFF

 3A9296

 17787C

 005F63

 00474B

 003035

 001D1F

 000006

 90E4E8

 90E4E8

 79E3E8

 A7E5E8

 62E2E8

 BEE6E8

 4AE1E8

 D6E7E8

 33E0E8

 EDE8E8

 1CDFE8

 FFE9E8

 05DEE8

 FFEAE8

 00DDE8

 FFEBE8

 FFECE8

 FFEDE8

# Harmonies

## Analogous

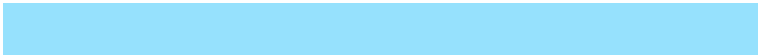
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9FE4CE



90E4E8



96E1FD

# Triad

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



90E4E8



F0CAF5



EFD2A5

# Complementary

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



90E4E8



E89490

# 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.



FFCAB0



90E4E8



FFC5DE

# Square

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



90E4E8



D2D2FF



FFC5C4



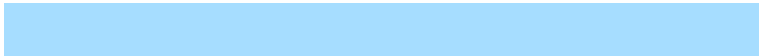
D5DAA8

# Rectangle

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



90E4E8



A6DDFF



FFC5C4



F6CFA7

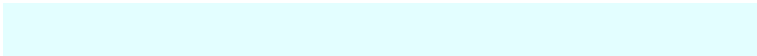


# Sweetspot

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



90E4E8



E3FEFF



90E893



6F7F80



000000



808080



# Same Dimension

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



90E4E8



8AFAFF



90B9E8



677273



00AAB3



003133



# Inverse Universe

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



E890E4



FF8AFA



E8BF90



736772



B300AA

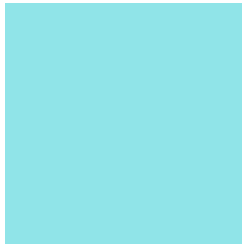


330031



# Previews

## White Background



This preview shows how the Hex color 90E4E8 looks on a white background.

## Color Contrast Check

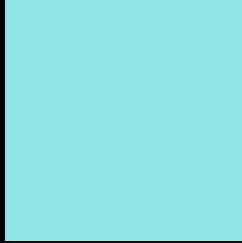
Large Text (above 18pt) WCAG AA × Fail

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 90E4E8 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 90E4E8 Background



This preview shows how black text looks on a background with the Hex color 90E4E8.

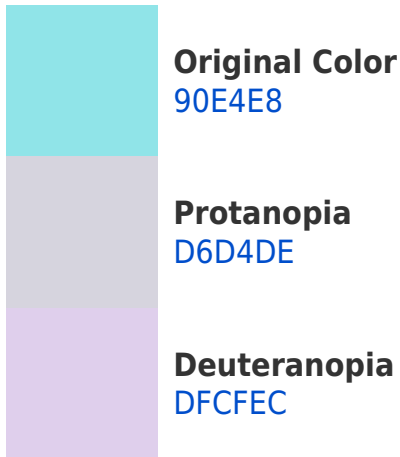


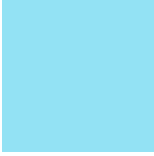
This preview shows how white text looks on a background with the Hex color 90E4E8.

# 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](#).

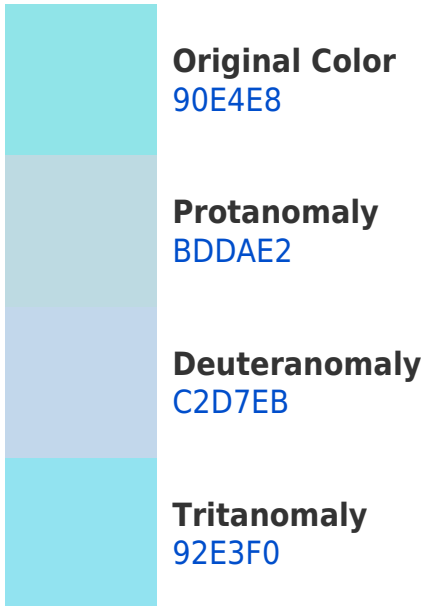
## Dichromacy



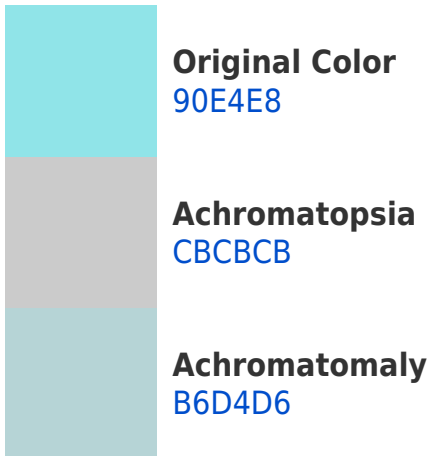


**Tritanopia**  
93E2F4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 90E4E8 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 #90E4E8 looks like.

```
.text, #text, p{  
    color:#90E4E8  
}
```

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 #90E4E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #90E4E8  
}
```

## Border

The CSS property to change the border of an element to Hex 90E4E8 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  
#90E4E8 }
```

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

```
.border{ border-color:#90E4E8 }
```

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

Here you see how a box with a 4 pixel #90E4E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #90E4E8; -webkit-box-shadow:4px 4px  
4px 4px #90E4E8; box-shadow:4px 4px 4px  
4px #90E4E8 }
```

# Background

The CSS property to change the background color of an element to Hex 90E4E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#90E4E8 }
```

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

```
.background{ background-color:#90E4E8 }
```

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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