

# Converting Colors

Hex(91EABE)

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

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# **Color**

**Hex(91EABE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	91EABE
RGB	145, 234, 190
RGB Percent	57%, 92%, 75%
CMY	0.4314, 0.0824, 0.2549
CMYK	0.38, 0.00, 0.19, 0.08
HSL	150°, 68%, 74%
HSV	150°, 38%, 92%
XYZ	50.3941, 68.5831, 59.2970
YIQ	202.3730, -38.9200, -32.5520

# Conversions

## Conversions Part 2

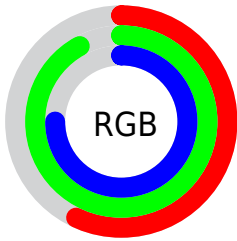
<b>Format</b>	<b>Color</b>
<b>RYB</b>	145, 204, 234
Decimal	9562814
CIELab	86.30, -36.25, 13.05
CIELCh	86, 38.528, 160.203
Yxy	68.5831, 0.2827, 0.3847
Android (android.graphics.Color)	4287752894 (0xFF91EABE)
YUV	202.3730, -6.0999, -50.3161
Hunter-Lab	82.8149, -36.3061, 15.5177

# Details

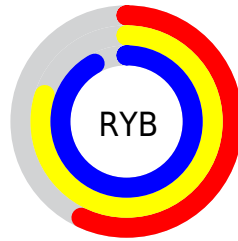
The Hex color **91EABE** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **EA91BD**, and the grayscale version is **CACACA**.

A 20% lighter version of the original color is **CAFFF6**, and **5AB289** is the 20% darker color. If you saturate the color by 10%, you get **7AEAB2**, and if you desaturate by 10%, it is **A8EACA**.

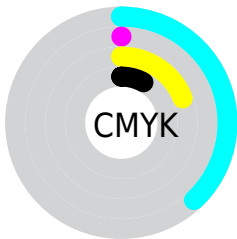
# Distribution



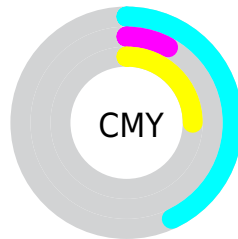
- Red (57%)
- Green (92%)
- Blue (75%)



- Red (57%)
- Yellow (80%)
- Blue (92%)



- Cyan (38%)
- Magenta (0%)
- Yellow (19%)
- Black (8%)



- Cyan (43%)
- Magenta (8%)
- Yellow (25%)

# Brightness & Saturation Gradients

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



 91EABE

 91EABE

FFFFFF

 75CEA3

 CAFFF6

 5AB289

 E7FFFF

 3E976F

 1F7C57


 00633F


 004A29

 003314

 001E00

 000000

 91EABE

 91EABE

 7AEAB2

 A8EACA

 62EAA7

 C0EAD5

 4BEA9B

 D7EAE1

 33EA90

 EFEAEC

 1CEA84

 FFEAF8

 05EA79

 FFEAFF

 00EA76

# Harmonies

## Analogous

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



BCE49F



91EABE



69ECE4

# Triad

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



91EABE



BAD7FF



FFC2AA

# Complementary

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



91EABE



EA91BD

# 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.



FFBCCD



91EABE



EDCAFF

# Square

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



91EABE



82E2FF



FFC0F2



FFCD94

# Rectangle

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



91EABE



5BEBFB



FFC0F2



FFBFB5

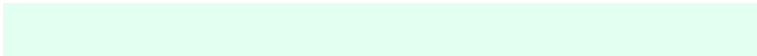


# Sweetspot

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



91EABE



E3FFF1



BEEA91



6F8077



000000



808080



# Same Dimension

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



91EABE



8AFFC5



91EAEA



6A7570



00B55C



00361B



# Inverse Universe

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



EA91BD



FF8AC4



EA9191



756A6F



B5005A

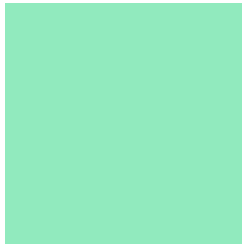


36001A



# Previews

## White Background



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

## Color Contrast Check

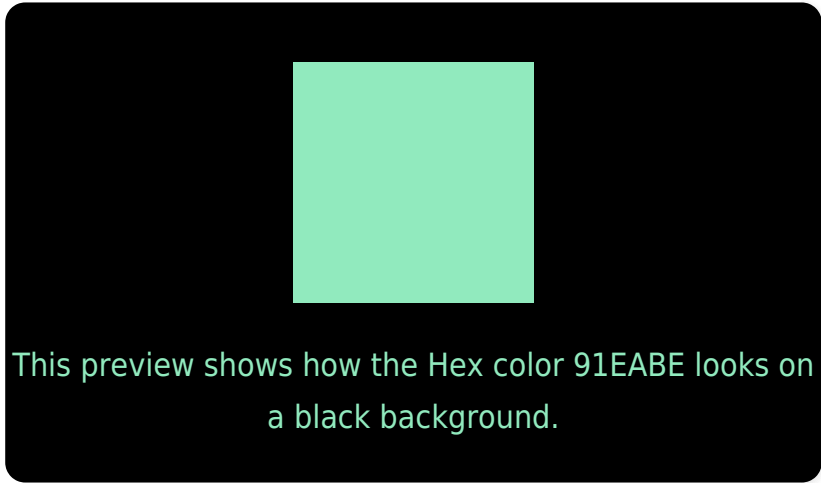
Large Text (above 18pt) WCAG AA × Fail

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

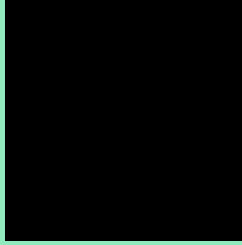
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 91EABE Background



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

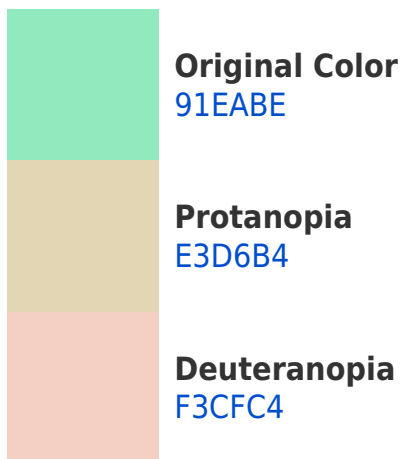


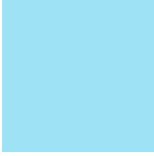
This preview shows how white text looks on a background with the Hex color 91EABE.

# 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



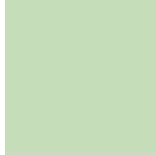


**Tritanopia**  
9DE2F5

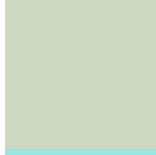
# Trichromacy



**Original Color**  
91EABE



**Protanomaly**  
C5DDB8



**Deuteranomaly**  
CFD9C2

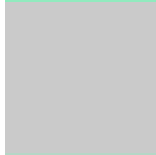


**Tritanomaly**  
99E5E1

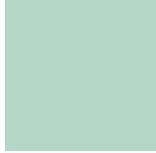
# Monochromacy



**Original Color**  
91EABE



**Achromatopsia**  
CACACA



**Achromatomaly**  
B5D6C6

# CSS Examples

## Text

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

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

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 #91EABE colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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