

# Converting Colors

Hex(92E798)

Have a look what the booklet for  
Hex(92E798) contains.

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**Color**

**Hex(92E798)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E798
RGB	146, 231, 152
RGB Percent	57%, 91%, 60%
CMY	0.4275, 0.0941, 0.4039
CMYK	0.37, 0.00, 0.34, 0.09
HSL	124°, 64%, 74%
HSV	124°, 37%, 91%
XYZ	46.0975, 65.5298, 39.9247
YIQ	196.5790, -25.3010, -42.5890

# Conversions

## Conversions Part 2

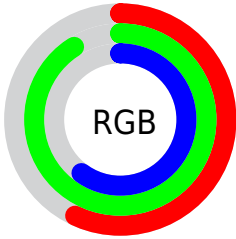
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 225, 231
Decimal	9627544
CIELab	84.76, -41.45, 30.57
CIELCh	85, 51.504, 143.595
Yxy	65.5298, 0.3042, 0.4324
Android (android.graphics.Color)	4287817624 (0xFF92E798)
YUV	196.5790, -21.9774, -44.3578
Hunter-Lab	80.9505, -40.0161, 27.4236

# Details

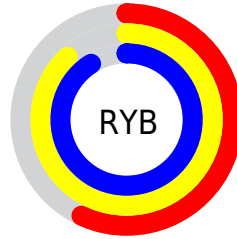
The Hex color **92E798** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **E792E1**, and the grayscale version is **C5C5C5**.

A 20% lighter version of the original color is **CBFFCF**, and **5BAF64** is the 20% darker color. If you saturate the color by 10%, you get **7BE783**, and if you desaturate by 10%, it is **A9E7AD**.

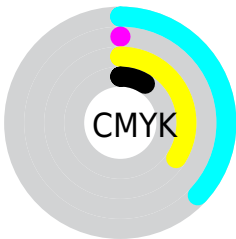
# Distribution



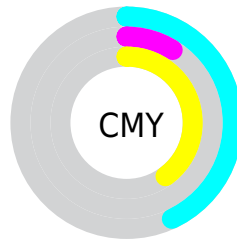
- Red (57%)
- Green (91%)
- Blue (60%)



- Red (57%)
- Yellow (88%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (34%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E798 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 92E798 by changing the saturation by 10% instead.



 92E798

 92E798

FFFFFF

 76CB7E

 CBFFCF

 5BAF64

 E8FFEB

 3F944C

 217A34

 00601C

 004704

 003000

 001900

 000000

 92E798

 92E798

 7BE783

 A9E7AD

 64E76D

 C0E7C3

 4DE758

 D7E7D8

 36E742

 EEE7EE

 1FE72D

 FFE7FF

 07E717

 00E710

# Harmonies

## Analogous

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



CBDC78



92E798



43ECC7

# Triad

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



92E798



6FDCFF



FFAFAF

# Complementary

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



92E798



E792E1

# 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.



FFADE0



92E798



C8CBFF

# Square

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



92E798



00E7FF



FFB9FF



FFBC87

# Rectangle

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



92E798



00EDE9



FFB9FF



FFADBF

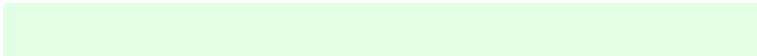


# Sweetspot

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



92E798



E3FFE5



E1E792



6F8070



000000



808080

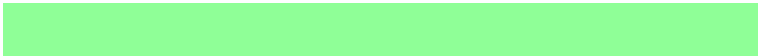


# Same Dimension

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



92E798



8FFF97



92E7C2



677368



00B30D



003304



# Inverse Universe

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



E792E1



FF8FF7



E792B7



736772



B300A6



33002F



# Previews

## White Background



This preview shows how the Hex color 92E798 looks on a white background.

## Color Contrast Check

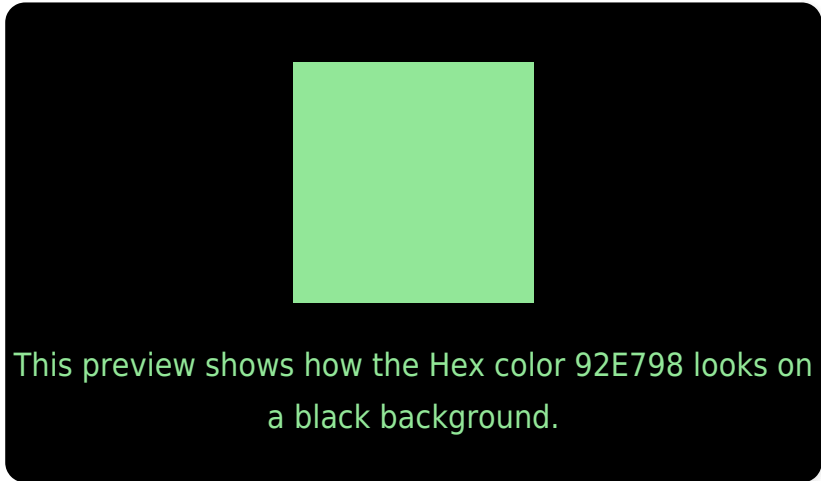
Large Text (above 18pt) WCAG AA × Fail

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

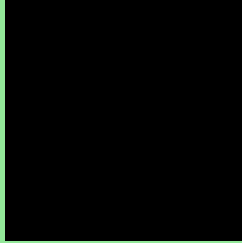
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 92E798 Background



This preview shows how black text looks on a background with the Hex color 92E798.

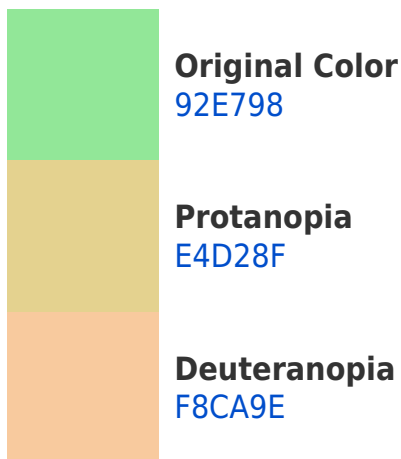


This preview shows how white text looks on a background with the Hex color 92E798.

# 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**  
A3DCEE

# Trichromacy



**Original Color**  
92E798



**Protanomaly**  
C6DA92



**Deuteranomaly**  
D3D59C

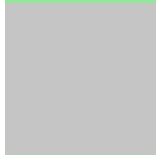


**Tritanomaly**  
9DE0CF

# Monochromacy



**Original Color**  
92E798



**Achromatopsia**  
C5C5C5



**Achromatomaly**  
B2D1B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E798 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 #92E798 looks like.

```
.text, #text, p{  
    color:#92E798  
}
```

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 #92E798 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E798
}
```

## Border

The CSS property to change the border of an element to Hex 92E798 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
#92E798 }
```

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

```
.border{ border-color:#92E798 }
```

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

Here you see how a box with a 4 pixel #92E798 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E798; -webkit-box-shadow:4px 4px  
4px 4px #92E798; box-shadow:4px 4px 4px  
4px #92E798 }
```

# Background

The CSS property to change the background color of an element to Hex 92E798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E798 }
```

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

```
.background{ background-color:#92E798 }
```

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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