

# Converting Colors

Hex(92E5C0)

Have a look what the booklet for  
Hex(92E5C0) contains.

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**Color**

**Hex(92E5C0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E5C0
RGB	146, 229, 192
RGB Percent	57%, 90%, 75%
CMY	0.4275, 0.1020, 0.2471
CMYK	0.36, 0.00, 0.16, 0.10
HSL	153°, 61%, 74%
HSV	153°, 36%, 90%
XYZ	49.3878, 65.9554, 59.9968
YIQ	199.9650, -37.5910, -29.1030

# Conversions

## Conversions Part 2

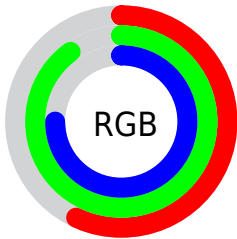
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 199, 229
Decimal	9627072
CIELab	84.97, -33.26, 10.13
CIELCh	85, 34.766, 163.065
Yxy	65.9554, 0.2817, 0.3762
Android (android.graphics.Color)	4287817152 (0xFF92E5C0)
YUV	199.9650, -3.9267, -47.3273
Hunter-Lab	81.2129, -33.5719, 13.0480

# Details

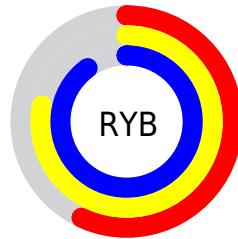
The Hex color **92E5C0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **E592B7**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **CAFFF8**, and **5BAD8B** is the 20% darker color. If you saturate the color by 10%, you get **7BE5B6**, and if you desaturate by 10%, it is **A9E5CA**.

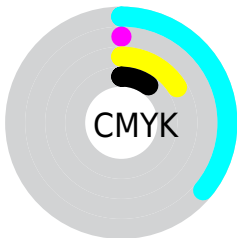
# Distribution



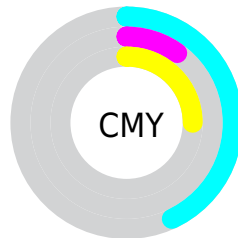
- Red (57%)
- Green (90%)
- Blue (75%)



- Red (57%)
- Yellow (78%)
- Blue (90%)



- Cyan (36%)
- Magenta (0%)
- Yellow (16%)
- Black (10%)



- Cyan (43%)
- Magenta (10%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E5C0 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 92E5C0 by changing the saturation by 10% instead.



 92E5C0

 92E5C0

FFFFFF

 77C9A5

 CAFFF8

 5BAD8B

 E7FFFF

 409271

 237859

 005F41

 00472B

 002F16

 001A00

 000000

 92E5C0

 92E5C0

 7BE5B6

 A9E5CA

 64E5AC

 C0E5D4

 4DE5A1

 D7E5DF

 36E597

 EEE5E9

 1FE58D

 FFE5F3

 09E583

 FFE5FD

 00E57F

 FFE5FF

# Harmonies

## Analogous

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



B8E0A3



92E5C0



73E6E2

# Triad

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



92E5C0



BFD2FF



FFC1A9

# Complementary

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



92E5C0



E592B7

# 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.



FFBCC7



92E5C0



EBC7FF

# Square

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



92E5C0



8FDDFF



FFBEE8



FCCC96

# Rectangle

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



92E5C0



6BE5F7



FFBEE8



FFBFB2

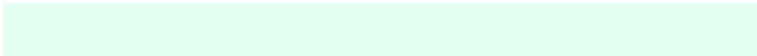


# Sweetspot

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



92E5C0



E3FFF2



B7E592



6F8078



000000



808080



# Same Dimension

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



92E5C0



91FFCE



92E1E5



67736E



00B363



00331C



# Inverse Universe

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



E592B7



FF91C2



E59692



73676C



B30050

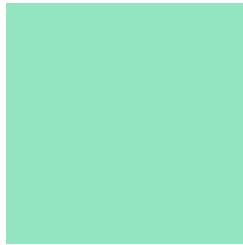


330017



# Previews

## White Background



This preview shows how the Hex color 92E5C0 looks on a white background.

## Color Contrast Check

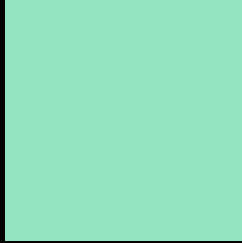
Large Text (above 18pt) WCAG AA × Fail

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 92E5C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

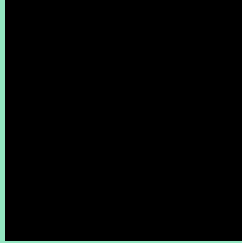
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

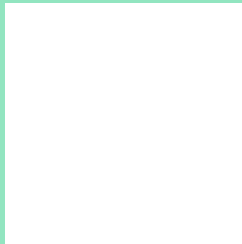
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92E5C0 Background



This preview shows how black text looks on a background with the Hex color 92E5C0.

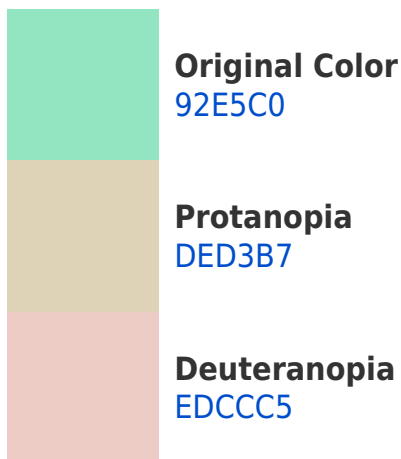


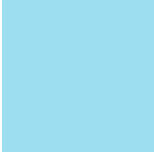
This preview shows how white text looks on a background with the Hex color 92E5C0.

# 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**  
9DDEF0

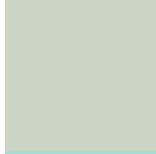
# Trichromacy



**Original Color**  
92E5C0



**Protanomaly**  
C2DABA



**Deuteranomaly**  
CCD5C3

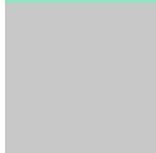


**Tritanomaly**  
99E1DF

# Monochromacy



**Original Color**  
92E5C0



**Achromatopsia**  
C8C8C8



**Achromatomaly**  
B4D3C5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E5C0 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 #92E5C0 looks like.

```
.text, #text, p{  
    color:#92E5C0  
}
```

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 #92E5C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E5C0
}
```

## Border

The CSS property to change the border of an element to Hex 92E5C0 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
#92E5C0 }
```

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

```
.border{ border-color:#92E5C0 }
```

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

Here you see how a box with a 4 pixel #92E5C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E5C0; -webkit-box-shadow:4px 4px  
4px 4px #92E5C0; box-shadow:4px 4px 4px  
4px #92E5C0 }
```

# Background

The CSS property to change the background color of an element to Hex 92E5C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E5C0 }
```

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

```
.background{ background-color:#92E5C0 }
```

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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