

# Converting Colors

Hex(92E8D2)

Have a look what the booklet for  
Hex(92E8D2) contains.

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**Color**

**Hex(92E8D2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E8D2
RGB	146, 232, 210
RGB Percent	57%, 91%, 82%
CMY	0.4275, 0.0902, 0.1765
CMYK	0.37, 0.00, 0.09, 0.09
HSL	165°, 65%, 74%
HSV	165°, 37%, 91%
XYZ	52.3435, 68.4774, 71.4314
YIQ	203.7780, -44.1940, -25.0740

# Conversions

## Conversions Part 2

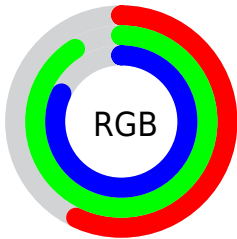
<b>Format</b>	<b>Color</b>
<b>RYB</b>	146, 195, 232
Decimal	9627858
CIELab	86.24, -30.87, 2.50
CIELCh	86, 30.973, 175.368
Yxy	68.4774, 0.2723, 0.3562
Android (android.graphics.Color)	4287817938 (0xFF92E8D2)
YUV	203.7780, 3.0674, -50.6713
Hunter-Lab	82.7510, -31.9056, 6.7461

# Details

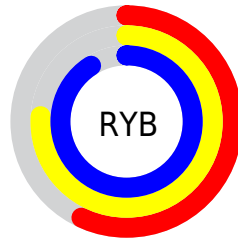
The Hex color **92E8D2** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E892A8**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CBFFFF**, and **5BB09C** is the 20% darker color. If you saturate the color by 10%, you get **7BE8CC**, and if you desaturate by 10%, it is **A9E8D8**.

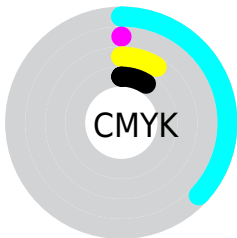
# Distribution



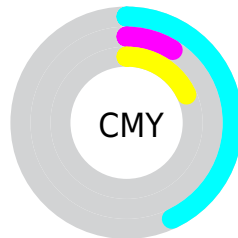
- Red (57%)
- Green (91%)
- Blue (82%)



- Red (57%)
- Yellow (76%)
- Blue (91%)



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



- Cyan (43%)
- Magenta (9%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E8D2 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 92E8D2 by changing the saturation by 10% instead.



 92E8D2

 92E8D2

FFFFFF

 76CCB6

 CBFFFF

 5BB09C

 E8FFFF

 3F9582

 207B68

 006250

 00493A

 003224

 001E0F

 000000

 92E8D2

 92E8D2

 7BE8CC

 A9E8D8

 64E8C6

 C0E8DE

 4CE8C0

 D8E8E4

 35E8BA

 EFE8EA

 1EE8B4

 FFE8F0

 07E8AE

 FFE8F6

 00E8AD

 FFE8FC

 FFE8FF

# Harmonies

## Analogous

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



B1E4B6



92E8D2



80E8F0

# Triad

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



92E8D2



D6D2FF



FFCBA9

# Complementary

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



92E8D2



E892A8

# 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.



FFC4C0



92E8D2



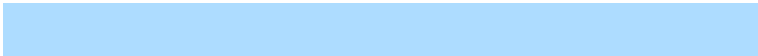
F9C8FA

# Square

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



92E8D2



ADDcff



FfC3DE



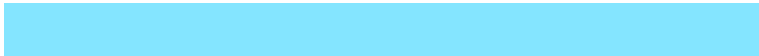
F2D49D

# Rectangle

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



92E8D2



84E5FF



FFC3DE



FFC8AF



# Sweetspot

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



92E8D2



E3FFF8



A9E892



6F807B



000000



808080



# Same Dimension

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



92E8D2



8FFFE2



92D4E8



677370



00B385



003326



# Inverse Universe

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



E892A8



FF8FAC



E8A692



73676A



B3002E

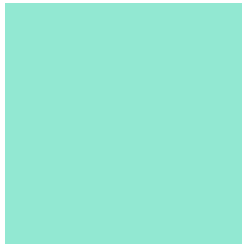


33000D



# Previews

## White Background



This preview shows how the Hex color 92E8D2 looks on a white background.

## Color Contrast Check

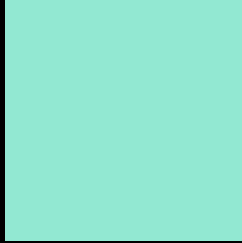
Large Text (above 18pt) WCAG AA × Fail

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 92E8D2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

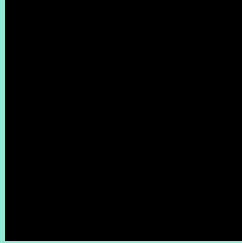
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

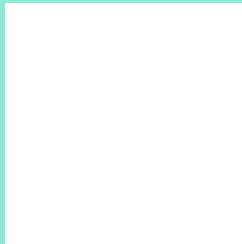
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92E8D2 Background



This preview shows how black text looks on a background with the Hex color 92E8D2.

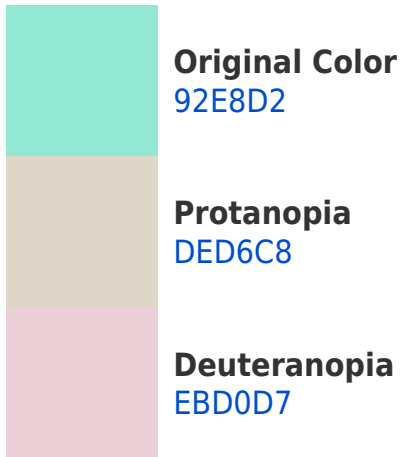


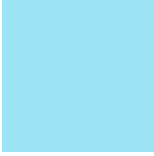
This preview shows how white text looks on a background with the Hex color 92E8D2.

# 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



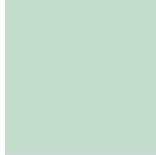


**Tritanopia**  
9BE3F5

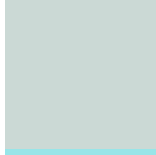
# Trichromacy



**Original Color**  
92E8D2



**Protanomaly**  
C2DDCC



**Deuteranomaly**  
CBD9D5



**Tritanomaly**  
98E5E8

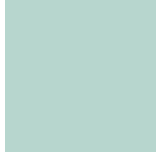
# Monochromacy



**Original Color**  
92E8D2



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B7D6CE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E8D2 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 #92E8D2 looks like.

```
.text, #text, p{  
    color:#92E8D2  
}
```

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 #92E8D2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E8D2
}
```

## Border

The CSS property to change the border of an element to Hex 92E8D2 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
#92E8D2 }
```

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

```
.border{ border-color:#92E8D2 }
```

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

Here you see how a box with a 4 pixel #92E8D2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E8D2; -webkit-box-shadow:4px 4px  
4px 4px #92E8D2; box-shadow:4px 4px 4px  
4px #92E8D2 }
```

# Background

The CSS property to change the background color of an element to Hex 92E8D2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E8D2 }
```

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

```
.background{ background-color:#92E8D2 }
```

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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