

# Converting Colors

Hex(92E7DB)

Have a look what the booklet for  
Hex(92E7DB) contains.

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# **Color**

**Hex(92E7DB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	92E7DB
RGB	146, 231, 219
RGB Percent	57%, 91%, 86%
CMY	0.4275, 0.0941, 0.1412
CMYK	0.37, 0.00, 0.05, 0.09
HSL	172°, 64%, 74%
HSV	172°, 37%, 91%
XYZ	53.2162, 68.3773, 77.4112
YIQ	204.2170, -46.8080, -21.7520

# Conversions

## Conversions Part 2

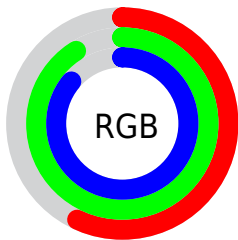
Format	Color
<a href="#">RYB</a>	<a href="#">146, 192, 231</a>
Decimal	<a href="#">9627611</a>
CIELab	<a href="#">86.19, -28.39, -2.30</a>
CIELCh	<a href="#">86, 28.486, 184.641</a>
Yxy	<a href="#">68.3773, 0.2674, 0.3436</a>
Android (android.graphics.Color)	<a href="#">4287817691</a> ( <a href="#">0xFF92E7DB</a> )
YUV	<a href="#">204.2170, 7.2880, -51.0563</a>
Hunter-Lab	<a href="#">82.6906, -29.8334, 2.3788</a>

# Details

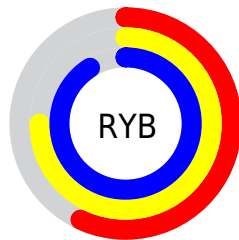
The Hex color **92E7DB** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **E7929E**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **CBFFFF**, and **5AAFA4** is the 20% darker color. If you saturate the color by 10%, you get **7BE7D8**, and if you desaturate by 10%, it is **A9E7DE**.

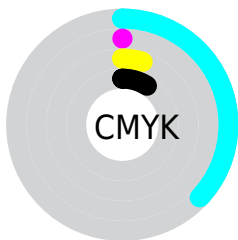
# Distribution



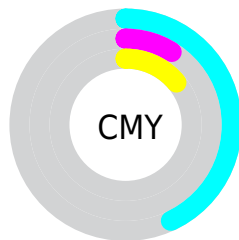
- Red (57%)
- Green (91%)
- Blue (86%)



- Red (57%)
- Yellow (75%)
- Blue (91%)



- Cyan (37%)
- Magenta (0%)
- Yellow (5%)
- Black (9%)



- Cyan (43%)
- Magenta (9%)
- Yellow (14%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 92E7DB 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 92E7DB by changing the saturation by 10% instead.



 92E7DB

 92E7DB

FFFFFF

 76CBBF

 CBFFFF

 5AAFA4

 E8FFFF

 3E948A

 1E7A70

 006158

 004941

 00312B

 001E16

 000000

 92E7DB

 92E7DB

 7BE7D8

 A9E7DE

 64E7D4

 C0E7E2

 4DE7D1

 D7E7E5

 36E7CE

 EEE7E8

 1FE7CB

 FFE7EB

 07E7C7

 FFE7EF

 00E7C6

 FFE7F2

 FFE7F5

 FFE7F8

# Harmonies

## Analogous

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



ABE5C0



92E7DB



8AE6F5

# Triad

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



92E7DB



E1CFFF



FFCEA8

# Complementary

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



92E7DB



E7929E

# 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.



FFC7BA



92E7DB



FEC7EF

# Square

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



92E7DB



BDD9FF



FFC4D4



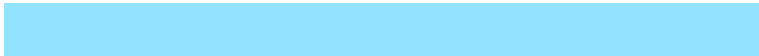
E7D7A2

# Rectangle

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



92E7DB



92E3FF



FFC4D4



FFCBAD



# Sweetspot

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



92E7DB



E3FFFB



9FE792



6F807D



000000



808080

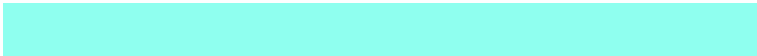


# Same Dimension

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



92E7DB



8FFFEF



92C9E7



677371



00B399



00332C



# Inverse Universe

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



E7929E



FF8F9F



E7B092



736769



B30019

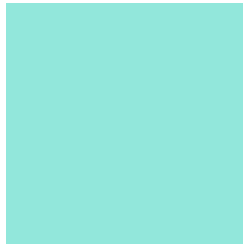


330007



# Previews

## White Background



This preview shows how the Hex color 92E7DB looks on a white background.

## Color Contrast Check

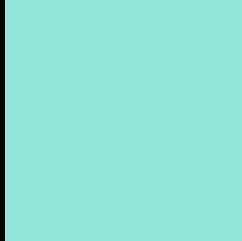
Large Text (above 18pt) WCAG AA × Fail

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 92E7DB 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

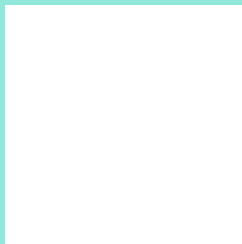
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 92E7DB Background



This preview shows how black text looks on a background with the Hex color 92E7DB.

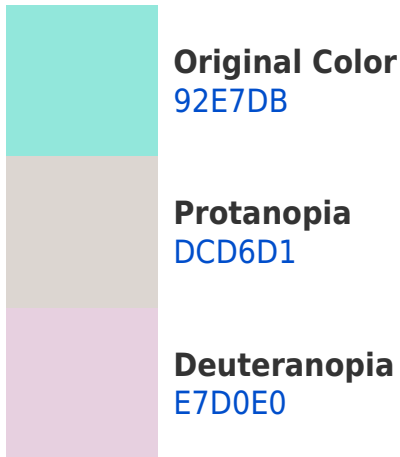


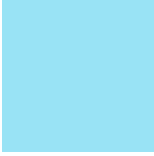
This preview shows how white text looks on a background with the Hex color 92E7DB.

# 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



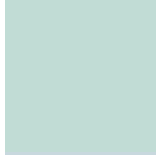


**Tritanopia**  
99E3F5

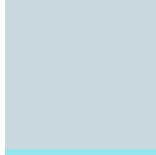
# Trichromacy



**Original Color**  
92E7DB



**Protanomaly**  
C1DCD5



**Deuteranomaly**  
C8D8DE

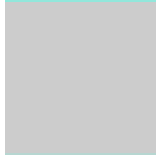


**Tritanomaly**  
96E4EC

# Monochromacy



**Original Color**  
92E7DB



**Achromatopsia**  
CCCCCC



**Achromatomaly**  
B7D6D1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 92E7DB 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 #92E7DB looks like.

```
.text, #text, p{  
    color:#92E7DB  
}
```

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 #92E7DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #92E7DB  
}
```

## Border

The CSS property to change the border of an element to Hex 92E7DB 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  
#92E7DB }
```

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

```
.border{ border-color:#92E7DB }
```

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

Here you see how a box with a 4 pixel #92E7DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #92E7DB; -webkit-box-shadow:4px 4px  
4px 4px #92E7DB; box-shadow:4px 4px 4px  
4px #92E7DB }
```

# Background

The CSS property to change the background color of an element to Hex 92E7DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#92E7DB }
```

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

```
.background{ background-color:#92E7DB }
```

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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