

# Converting Colors

Hex(8ED8E2)

Have a look what the booklet for  
Hex(8ED8E2) contains.

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# **Color**

**Hex(8ED8E2)**

# Conversions

## Conversions Part 1

Format	Color
Hex	8ED8E2
RGB	142, 216, 226
RGB Percent	56%, 85%, 89%
CMY	0.4431, 0.1529, 0.1137
CMYK	0.37, 0.04, 0.00, 0.11
HSL	187°, 59%, 72%
HSV	187°, 37%, 89%
XYZ	49.4387, 60.3535, 80.9952
YIQ	195.0140, -47.3140, -12.5780

# Conversions

## Conversions Part 2

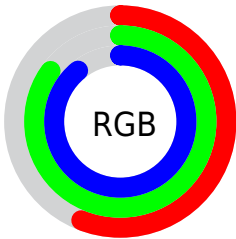
<b>Format</b>	<b>Color</b>
<b>RYB</b>	142, 181, 226
Decimal	9361634
CIELab	82.03, -20.43, -12.20
CIElCh	82, 23.796, 210.839
Yxy	60.3535, 0.2591, 0.3163
Android (android.graphics.Color)	4287551714 (0xFF8ED8E2)
YUV	195.0140, 15.2761, -46.4933
Hunter-Lab	77.6875, -22.3596, -7.4331

# Details

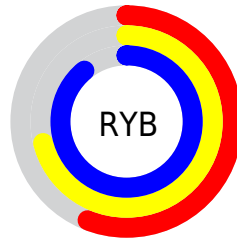
The Hex color **8ED8E2** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **E2988E**, and the grayscale version is **C3C3C3**.

A 20% lighter version of the original color is **C7FFFF**, and **57A1AB** is the 20% darker color. If you saturate the color by 10%, you get **77D5E2**, and if you desaturate by 10%, it is **A5DBE2**.

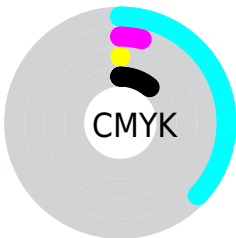
# Distribution



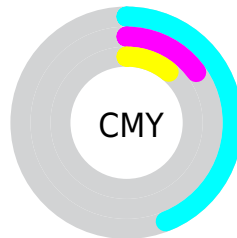
- Red (56%)
- Green (85%)
- Blue (89%)



- Red (56%)
- Yellow (71%)
- Blue (89%)



- Cyan (37%)
- Magenta (4%)
- Yellow (0%)
- Black (11%)



- Cyan (44%)
- Magenta (15%)
- Yellow (11%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 8ED8E2 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 8ED8E2 by changing the saturation by 10% instead.



8ED8E2

8ED8E2

FFFFFF

72BCC6

C7FFFF

57A1AB

E4FFFF

3A8790

1A6D77

00555E

003D46

002730

000F1B

000000

 8ED8E2

 8ED8E2

 77D5E2

 A5DBE2

 61D3E2

 BBDDE2

 4AD0E2

 D2E0E2

 34CDE2

 E8E3E2

 1DCBE2

 FFE5E2

 06C8E2

 FFE8E2

 00C7E2

 FFEBE2

 FFE0E2

 FFF0E2

# Harmonies

## Analogous

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



96D9CC



8ED8E2



99D4F2

# Triad

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



8ED8E2



EABFE2



DCCBA0

# Complementary

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



8ED8E2



E2988E

# 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.



F0C3A6



8ED8E2



F8BCCC

# Square

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



8ED8E2



D1C6F2



FABEB6



C4D2A5

# Rectangle

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



8ED8E2



A9D0F7



FABEB6



E4C8A0

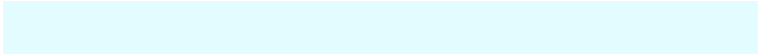


# Sweetspot

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



8ED8E2



E3FCFF



8EE298



6F7E80



000000



808080



# Same Dimension

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



8ED8E2



8CF1FF



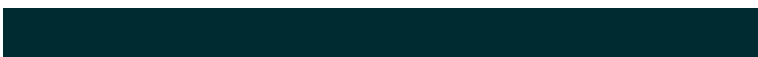
8EAEE2



656F70



009BB0



002B30



# Inverse Universe

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



E28ED8



FF8CF1



E2C28E



70656F



B0009B

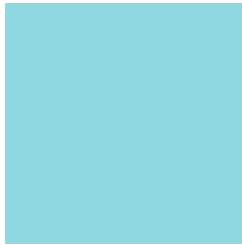


30002B



# Previews

## White Background



This preview shows how the Hex color 8ED8E2 looks on a white background.

## Color Contrast Check

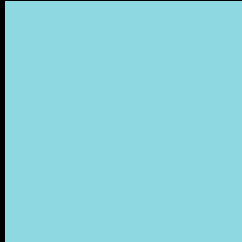
Large Text (above 18pt) WCAG AA × Fail

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 8ED8E2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

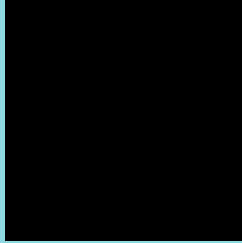
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 8ED8E2 Background



This preview shows how black text looks on a background with the Hex color 8ED8E2.

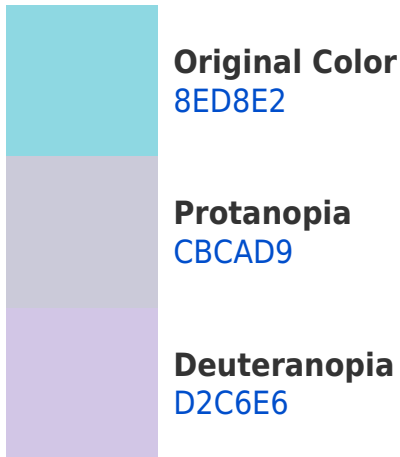


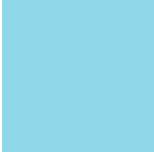
This preview shows how white text looks on a background with the Hex color 8ED8E2.

# 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](#).

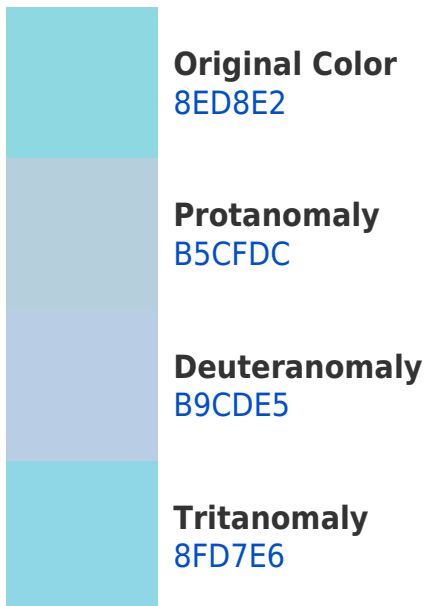
## Dichromacy



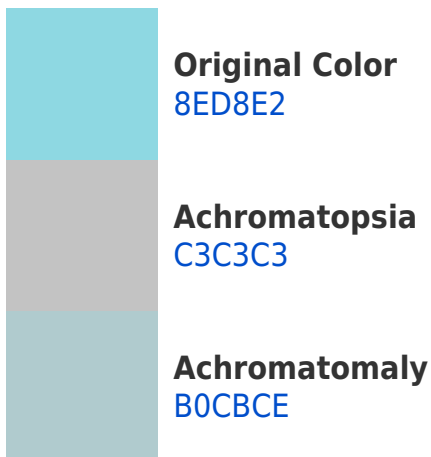


**Tritanopia**  
90D7E8

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 8ED8E2 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 #8ED8E2 looks like.

```
.text, #text, p{  
    color:#8ED8E2  
}
```

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 #8ED8E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #8ED8E2  
}
```

## Border

The CSS property to change the border of an element to Hex 8ED8E2 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  
#8ED8E2 }
```

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

```
.border{ border-color:#8ED8E2 }
```

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

Here you see how a box with a 4 pixel #8ED8E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #8ED8E2; -webkit-box-shadow:4px 4px  
4px 4px #8ED8E2; box-shadow:4px 4px 4px  
4px #8ED8E2 }
```

# Background

The CSS property to change the background color of an element to Hex 8ED8E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#8ED8E2 }
```

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

```
.background{ background-color:#8ED8E2 }
```

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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