

# Converting Colors

Hex(4ED8CC)

Have a look what the booklet for  
Hex(4ED8CC) contains.

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# Color

Hex(4ED8CC)

# Conversions

## Conversions Part 1

Format	Color
Hex	4ED8CC
RGB	78, 216, 204
RGB Percent	31%, 85%, 80%
CMY	0.6941, 0.1529, 0.2000
CMYK	0.64, 0.00, 0.06, 0.15
HSL	175°, 64%, 58%
HSV	175°, 64%, 85%
XYZ	38.5968, 55.0911, 65.7261
YIQ	173.3700, -78.3960, -32.9880

# Conversions

## Conversions Part 2

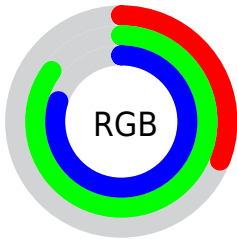
Format	Color
<a href="#">RYB</a>	<a href="#">78, 150, 216</a>
Decimal	<a href="#">5167308</a>
CIELab	<a href="#">79.09, -39.63, -5.07</a>
CIELCh	<a href="#">79, 39.949, 187.294</a>
Yxy	<a href="#">55.0911, 0.2421, 0.3456</a>
Android (android.graphics.Color)	<a href="#">4283357388 (0xFF4ED8CC)</a>
YUV	<a href="#">173.3700, 15.1006, -83.6395</a>
Hunter-Lab	<a href="#">74.2234, -37.0692, -0.5460</a>

# Details

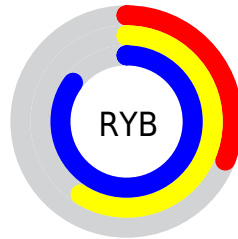
The Hex color **4ED8CC** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D84E5A**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8EFFFF**, and **00A096** is the 20% darker color. If you saturate the color by 10%, you get **38D8CA**, and if you desaturate by 10%, it is **64D8CE**.

# Distribution



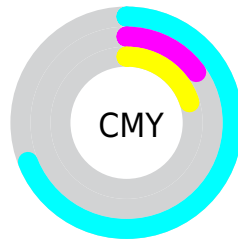
- Red (31%)
- Green (85%)
- Blue (80%)



- Red (31%)
- Yellow (59%)
- Blue (85%)



- Cyan (64%)
- Magenta (0%)
- Yellow (6%)
- Black (15%)



- Cyan (69%)
- Magenta (15%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ED8CC 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 4ED8CC by changing the saturation by 10% instead.



 4ED8CC

 4ED8CC

FFFFFF

 25BCB1

 8EFFFF

 00A096

 ACFFFF

 00867C

 CBFFFF

 006C63

 E9FFFF

 00534B

 003B35

 002620

 000009

 000000

 4ED8CC

 4ED8CC

 38D8CA

 64D8CE

 23D8C8

 79D8D0

 0DD8C6

 8FD8D2

 00D8C5

 A4D8D4

 BAD8D5

 D0D8D7

 E5D8D9

 FBD8DB

 FFD8DD

# Harmonies

## Analogous

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



7ED6A6



4ED8CC



33D6F0

# Triad

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



4ED8CC



D4B7FF



F5B880

# Complementary

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



4ED8CC



D84E5A

# 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.



FFAC99



4ED8CC



FAABE1

# Square

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



4ED8CC



9EC4FF



FFA7BC



D4C579

# Rectangle

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



4ED8CC



4CD2FF



FFA7BC



FDB486



# Sweetspot

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



4ED8CC



CFFFFB



5CD84E



62807D



000000



808080



# Same Dimension

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



4ED8CC



3BFFEE



4EA1D8



606B6A



00AB9C



002B28



# Inverse Universe

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



D84E5A



FF3B4C



D8854E



6B6061



AB000F

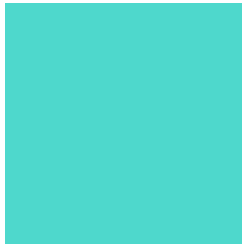


2B0004



# Previews

## White Background



This preview shows how the Hex color 4ED8CC looks on a white background.

## Color Contrast Check

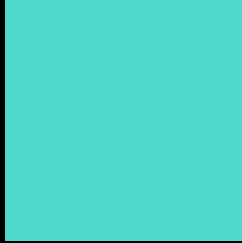
Large Text (above 18pt) WCAG AA × Fail

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 4ED8CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

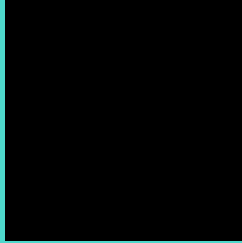
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

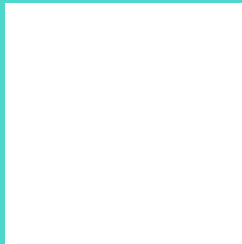
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4ED8CC Background



This preview shows how black text looks on a background with the Hex color 4ED8CC.



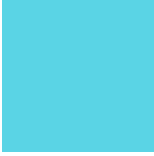
This preview shows how white text looks on a background with the Hex color 4ED8CC.

# 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**  
5AD4E5

# Trichromacy



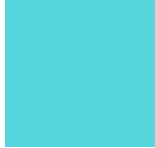
**Original Color**  
4ED8CC



**Protanomaly**  
9BC9C4



**Deuteranomaly**  
9FC7D0

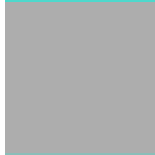


**Tritanomaly**  
56D5DC

# Monochromacy



**Original Color**  
4ED8CC



**Achromatopsia**  
ADADAD



**Achromatomaly**  
8ABDB8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ED8CC 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 #4ED8CC looks like.

```
.text, #text, p{  
    color:#4ED8CC  
}
```

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 #4ED8CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED8CC
}
```

## Border

The CSS property to change the border of an element to Hex 4ED8CC 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
#4ED8CC }
```

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

```
.border{ border-color:#4ED8CC }
```

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

Here you see how a box with a 4 pixel #4ED8CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED8CC; -webkit-box-shadow:4px 4px  
4px 4px #4ED8CC; box-shadow:4px 4px 4px  
4px #4ED8CC }
```

# Background

The CSS property to change the background color of an element to Hex 4ED8CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED8CC }
```

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

```
.background{ background-color:#4ED8CC }
```

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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