

Converting Colors

Hex(4ED9CE)

Have a look what the booklet for
Hex(4ED9CE) contains.

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Color

Hex(4ED9CE)

Conversions

Conversions Part 1

Format	Color
Hex	4ED9CE
RGB	78, 217, 206
RGB Percent	31%, 85%, 81%
CMY	0.6941, 0.1490, 0.1922
CMYK	0.64, 0.00, 0.05, 0.15
HSL	175°, 65%, 58%
HSV	175°, 64%, 85%
XYZ	39.0953, 55.7016, 67.0835
YIQ	174.1850, -79.3130, -32.8890

Conversions

Conversions Part 2

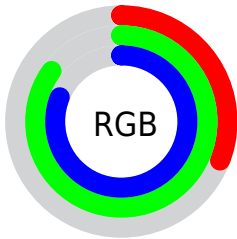
Format	Color
RYB	78, 150, 217
Decimal	5167566
CIELab	79.44, -39.55, -5.62
CIElCh	79, 39.945, 188.094
Yxy	55.7016, 0.2415, 0.3441
Android (android.graphics.Color)	4283357646 (0xFF4ED9CE)
YUV	174.1850, 15.6848, -84.3542
Hunter-Lab	74.6335, -37.1049, -1.0486




Details

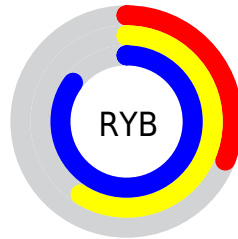
The Hex color **4ED9CE** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D94E59**, and the grayscale version is **AEAEAE**.




A 20% lighter version of the original color is **8EFFFF**, and **00A198** is the 20% darker color. If you saturate the color by 10%, you get **38D9CC**, and if you desaturate by 10%, it is **64D9D0**.

Distribution







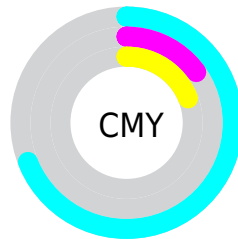
-  Red (31%)
-  Green (85%)
-  Blue (81%)






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



-  Cyan (64%)
-  Magenta (0%)
-  Yellow (5%)
-  Black (15%)



-  Cyan (69%)
-  Magenta (15%)
-  Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED9CE 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 4ED9CE by changing the saturation by 10% instead.

 4ED9CE

 4ED9CE

FFFFFF

 25BDB3

 8EFFFF

 00A198

 ADFFFF

 00877E

 CBFFFF

 006D65

 EAFFFF

 00544D

 003C37

 002721

 00000B

 000000

 4ED9CE

 4ED9CE

 38D9CC

 64D9D0

 23D9CB

 79D9D1

 0DD9C9

 8FD9D3

 00D9C8

 A5D9D5

 BBD9D7

 D0D9D8

 E6D9DA

 FCD9DC

 FFD9DD

Harmonies

Analogous

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



7ED7A8



4ED9CE



35D7F2

Triad

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



4ED9CE



D6B8FF



F5B980

Complementary

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



4ED9CE



D94E59

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.



FFAD99



4ED9CE



FCACE1

Square

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



4ED9CE



A0C5FF



FFA8BC



D4C67A

Rectangle

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



4ED9CE



4FD3FF



FFA8BC



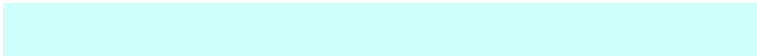
FDB587

Sweetspot

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



4ED9CE



CFFFFB



5AD94E



62807D



000000



808080

Same Dimension

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



4ED9CE



3BFFEF



4E9FD9



636E6D



00ADA0



002E2A

Inverse Universe

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



D94E59



FF3B4A



D9884E



6E6364



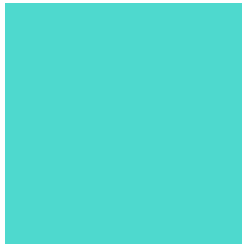
AD000E



2E0004

Previews

White Background



This preview shows how the Hex color 4ED9CE 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 4ED9CE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

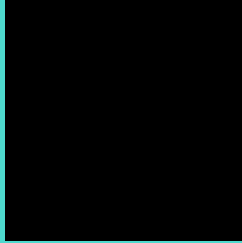
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

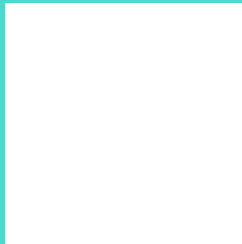
Any Text WCAG AAA ✓ Pass

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

Hex 4ED9CE Background



This preview shows how black text looks on a background with the Hex color 4ED9CE.

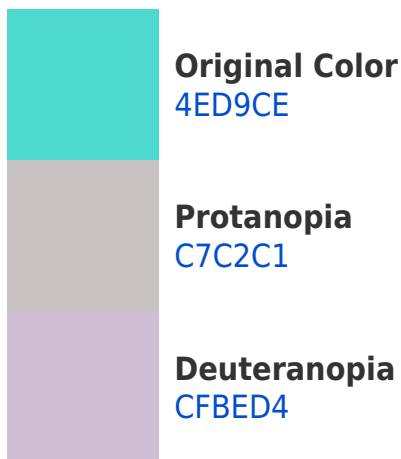


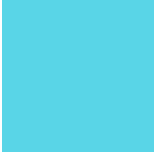
This preview shows how white text looks on a background with the Hex color 4ED9CE.

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
59D5E7

Trichromacy



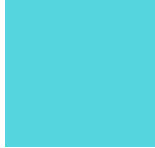
Original Color
4ED9CE



Protanomaly
9BCAC6



Deuteranomaly
A0C8D2

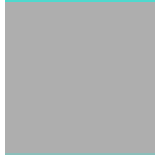


Tritanomaly
55D6DE

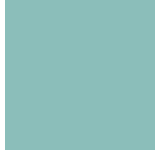
Monochromacy



Original Color
4ED9CE



Achromatopsia
AEAEAE



Achromatomaly
8BBEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED9CE 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 #4ED9CE looks like.

```
.text, #text, p{  
    color:#4ED9CE  
}
```

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 #4ED9CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED9CE
}
```

Border

The CSS property to change the border of an element to Hex 4ED9CE 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
#4ED9CE }
```

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

```
.border{ border-color:#4ED9CE }
```

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

Here you see how a box with a 4 pixel #4ED9CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED9CE; -webkit-box-shadow:4px 4px  
4px 4px #4ED9CE; box-shadow:4px 4px 4px  
4px #4ED9CE }
```

Background

The CSS property to change the background color of an element to Hex 4ED9CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED9CE }
```

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

```
.background{ background-color:#4ED9CE }
```

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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