

Converting Colors

Hex(4ED1D9)

Have a look what the booklet for
Hex(4ED1D9) contains.

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Color

Hex(4ED1D9)

Conversions

Conversions Part 1

Format	Color
Hex	4ED1D9
RGB	78, 209, 217
RGB Percent	31%, 82%, 85%
CMY	0.6941, 0.1804, 0.1490
CMYK	0.64, 0.04, 0.00, 0.15
HSL	183°, 65%, 58%
HSV	183°, 64%, 85%
XYZ	38.4667, 52.2304, 73.6997
YIQ	170.7430, -80.6440, -25.2840

Conversions

Conversions Part 2

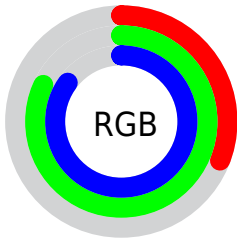
Format	Color
RYB	78, 145, 217
Decimal	5165529
CIELab	77.42, -32.82, -14.54
CIELCh	77, 35.896, 203.889
Yxy	52.2304, 0.2340, 0.3177
Android (android.graphics.Color)	4283355609 (0xFF4ED1D9)
YUV	170.7430, 22.8047, -81.3356
Hunter-Lab	72.2706, -31.4652, -9.8730

Details

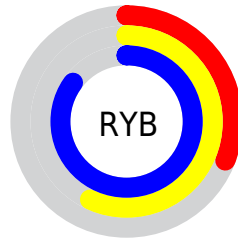
The Hex color **4ED1D9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **D9564E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8EFFFF**, and **009AA2** is the 20% darker color. If you saturate the color by 10%, you get **38D0D9**, and if you desaturate by 10%, it is **64D2D9**.

Distribution



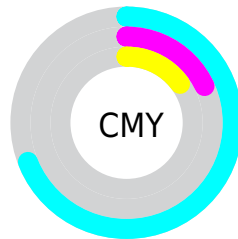
- Red (31%)
- Green (82%)
- Blue (85%)



- Red (31%)
- Yellow (57%)
- Blue (85%)



- Cyan (64%)
- Magenta (4%)
- Yellow (0%)
- Black (15%)



- Cyan (69%)
- Magenta (18%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED1D9 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 4ED1D9 by changing the saturation by 10% instead.

■ 4ED1D9

■ 4ED1D9

FFFFFF

■ 25B5BD

■ 8EFFFF

■ 009AA2

■ ADFFFF

■ 008088

■ CBFFFF

■ 00666F

■ EAFFFF

■ 004E56

■ 00363F

■ 002229

■ 000115

■ 000000

 4ED1D9

 4ED1D9

 38D0D9

 64D2D9

 23CFD9

 79D3D9

 0DCDD9

 8FD5D9

 00CDD9

 A5D6D9

 BBD7D9

 D0D8D9

 E6DAD9

 FCDBD9

 FFDCD9

Harmonies

Analogous

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



6CD1B7



4ED1D9



59CDF4

Triad

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



4ED1D9



E3AEE7



DCBB7D

Complementary

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



4ED1D9



D9564E

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.



F5B08B



4ED1D9



FBA7C7

Square

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



4ED1D9



BAB9FC



FFA8A6



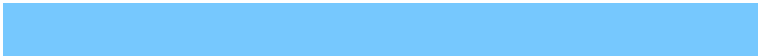
BBC582

Rectangle

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



4ED1D9



76C8FE



FFA8A6



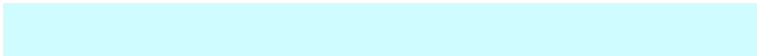
E6B780

Sweetspot

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



4ED1D9



CFFCFF



4ED955



627E80



000000



808080

Same Dimension

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



4ED1D9



3BF4FF



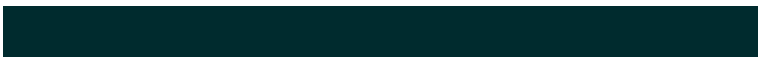
4E8DD9



636D6E



00A3AD



002B2E

Inverse Universe

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



D94ED1



FF3BF4



D99A4E



6E636D



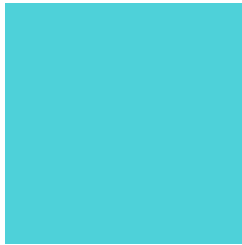
AD00A3



2E002B

Previews

White Background



This preview shows how the Hex color 4ED1D9 looks on a white background.

Color Contrast Check

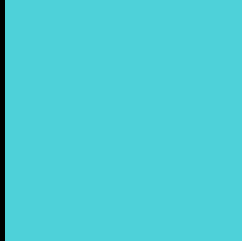
Large Text (above 18pt) WCAG AA × Fail

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 4ED1D9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

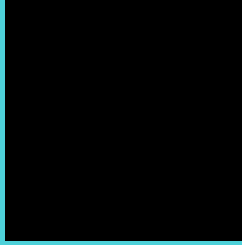
Any Text WCAG AA ✓ Pass

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 4ED1D9 Background



This preview shows how black text looks on a background with the Hex color 4ED1D9.

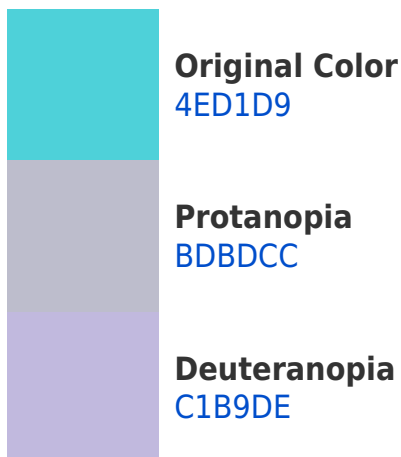


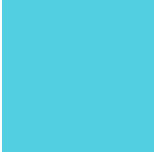
This preview shows how white text looks on a background with the Hex color 4ED1D9.

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
52D0E1

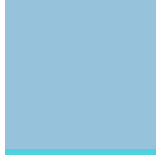
Trichromacy



Original Color
4ED1D9



Protanomaly
95C4D1



Deuteranomaly
97C2DC

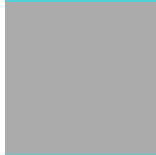


Tritanomaly
51D0DE

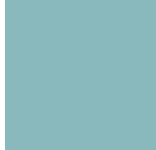
Monochromacy



Original Color
4ED1D9



Achromatopsia
ABABAB



Achromatomaly
89B9BC

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED1D9 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 #4ED1D9 looks like.

```
.text, #text, p{  
    color:#4ED1D9  
}
```

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 #4ED1D9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED1D9
}
```

Border

The CSS property to change the border of an element to Hex 4ED1D9 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
#4ED1D9 }
```

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

```
.border{ border-color:#4ED1D9 }
```

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

Here you see how a box with a 4 pixel #4ED1D9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED1D9; -webkit-box-shadow:4px 4px  
4px 4px #4ED1D9; box-shadow:4px 4px 4px  
4px #4ED1D9 }
```

Background

The CSS property to change the background color of an element to Hex 4ED1D9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED1D9 }
```

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

```
.background{ background-color:#4ED1D9 }
```

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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