

Converting Colors

Hex(4ED4E3)

Have a look what the booklet for
Hex(4ED4E3) contains.

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Color

Hex(4ED4E3)

Conversions

Conversions Part 1

Format	Color
Hex	4ED4E3
RGB	78, 212, 227
RGB Percent	31%, 83%, 89%
CMY	0.6941, 0.1686, 0.1098
CMYK	0.66, 0.07, 0.00, 0.11
HSL	186°, 73%, 60%
HSV	186°, 66%, 89%
XYZ	40.5505, 54.2527, 81.0076
YIQ	173.6440, -84.6790, -23.7430

Conversions

Conversions Part 2

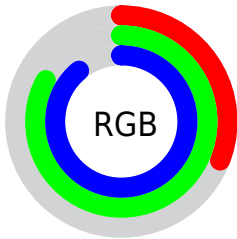
Format	Color
RYB	78, 149, 227
Decimal	5166307
CIELab	78.61, -31.39, -18.11
CIELCh	79, 36.239, 209.976
Yxy	54.2527, 0.2306, 0.3086
Android (android.graphics.Color)	4283356387 (0xFF4ED4E3)
YUV	173.6440, 26.3045, -83.8798
Hunter-Lab	73.6564, -30.6282, -13.6479

Details

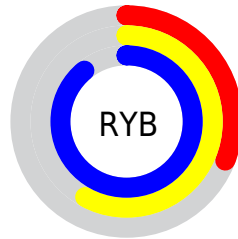
The Hex color **4ED4E3** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E35D4E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **8FFFFFF**, and **009DAC** is the 20% darker color. If you saturate the color by 10%, you get **37D2E3**, and if you desaturate by 10%, it is **65D6E3**.

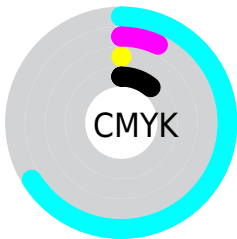
Distribution



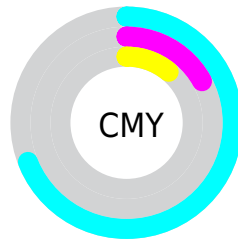
- Red (31%)
- Green (83%)
- Blue (89%)



- Red (31%)
- Yellow (58%)
- Blue (89%)



- Cyan (66%)
- Magenta (7%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (17%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED4E3 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 4ED4E3 by changing the saturation by 10% instead.

 4ED4E3

 4ED4E3

FFFFFF

 23B8C7

 8FFFFFF

 009DAC

 AEFFFF

 008391

 CDFFFF

 006977

 EBFFFF

 00505F

 003947

 002430

 00021C


 000000

 4ED4E3

 4ED4E3

 37D2E3

 65D6E3

 21CFE3

 7BD9E3

 0ACDE3

 92DBE3

 00CCE3

 A9DDE3

 C0DFE3

 D6E2E3

 EDE4E3

 FFE6E3

 FFE9E3

Harmonies

Analogous

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



67D5C1



4ED4E3



63CFFC

Triad

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



4ED4E3



EDAFE5



DAC07F

Complementary

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



4ED4E3



E35D4E

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.



F5B589



4ED4E3



FFA9C4

Square

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



4ED4E3



C7BAFD



FFACA3



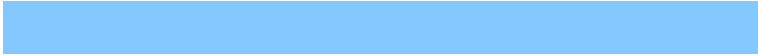
B6CB87

Rectangle

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



4ED4E3



83C9FF



FFACA3



E4BD80

Sweetspot

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



4ED4E3



CCFAFF



4EE35D



617C80



000000



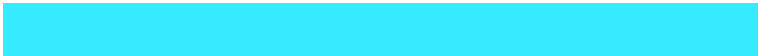
808080

Same Dimension

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



4ED4E3



36EBFF



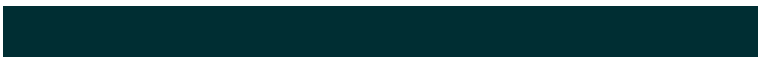
4E8AE3



677273



00A1B3



002E33

Inverse Universe

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



E34ED4



FF36EB



E3A74E



736772



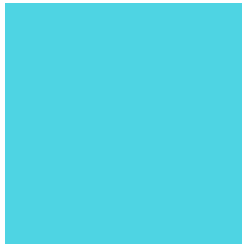
B300A1



33002E

Previews

White Background



This preview shows how the Hex color 4ED4E3 looks on a white background.

Color Contrast Check

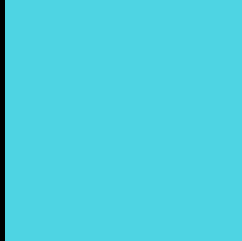
Large Text (above 18pt) WCAG AA × Fail

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 4ED4E3 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 4ED4E3 Background



This preview shows how black text looks on a background with the Hex color 4ED4E3.

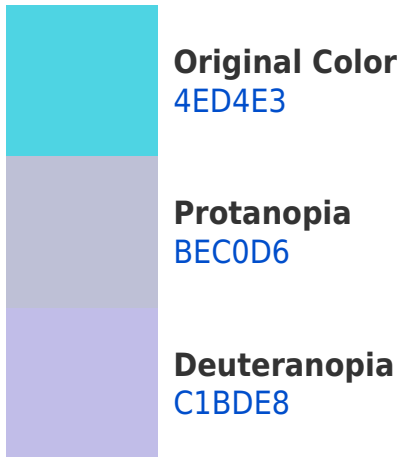


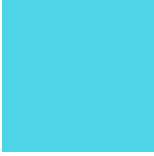
This preview shows how white text looks on a background with the Hex color 4ED4E3.

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](#).

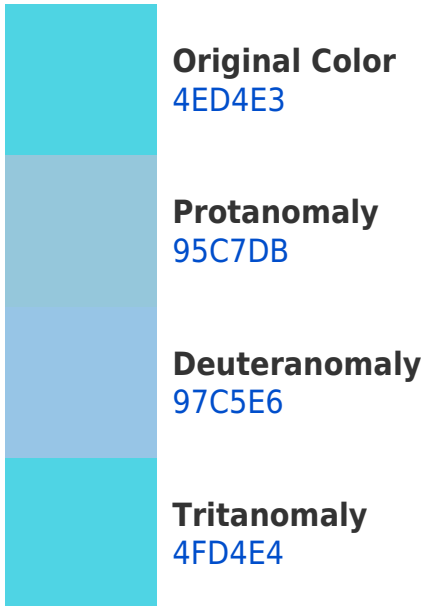
Dichromacy





Tritanopia
4FD4E5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED4E3 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 #4ED4E3 looks like.

```
.text, #text, p{  
    color:#4ED4E3  
}
```

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 #4ED4E3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED4E3
}
```

Border

The CSS property to change the border of an element to Hex 4ED4E3 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
#4ED4E3 }
```

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

```
.border{ border-color:#4ED4E3 }
```

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

Here you see how a box with a 4 pixel #4ED4E3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED4E3; -webkit-box-shadow:4px 4px  
4px 4px #4ED4E3; box-shadow:4px 4px 4px  
4px #4ED4E3 }
```

Background

The CSS property to change the background color of an element to Hex 4ED4E3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED4E3 }
```

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

```
.background{ background-color:#4ED4E3 }
```

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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