

Converting Colors

Hex(4ED2E4)

Have a look what the booklet for
Hex(4ED2E4) contains.

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Color

Hex(4ED2E4)

Conversions

Conversions Part 1

Format	Color
Hex	4ED2E4
RGB	78, 210, 228
RGB Percent	31%, 82%, 89%
CMY	0.6941, 0.1765, 0.1059
CMYK	0.66, 0.08, 0.00, 0.11
HSL	187°, 74%, 60%
HSV	187°, 66%, 89%
XYZ	40.1921, 53.3143, 81.5711
YIQ	172.5840, -84.4500, -22.3860

Conversions

Conversions Part 2

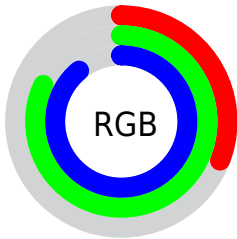
Format	Color
RYB	78, 148, 228
Decimal	5165796
CIELab	78.06, -30.14, -19.47
CIELCh	78, 35.882, 212.865
Yxy	53.3143, 0.2296, 0.3045
Android (android.graphics.Color)	4283355876 (0xFF4ED2E4)
YUV	172.5840, 27.3201, -82.9502
Hunter-Lab	73.0167, -29.5237, -15.1246

Details

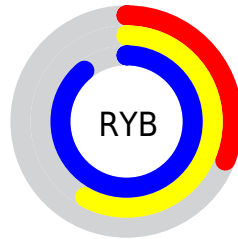
The Hex color **4ED2E4** is a light color, and the websafe version is hex **66CCCC**. The color can be described as light muted cyan. A complement of this color would be **E4604E**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **8FFFFFF**, and **009BAD** is the 20% darker color. If you saturate the color by 10%, you get **37CFE4**, and if you desaturate by 10%, it is **65D5E4**.

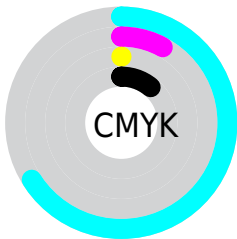
Distribution



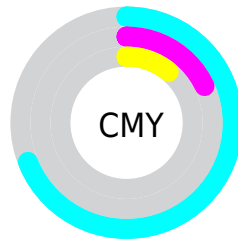
- Red (31%)
- Green (82%)
- Blue (89%)



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



- Cyan (66%)
- Magenta (8%)
- Yellow (0%)
- Black (11%)



- Cyan (69%)
- Magenta (18%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED2E4 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 4ED2E4 by changing the saturation by 10% instead.

 4ED2E4

 4ED2E4

FFFFFF

 23B6C8

 8FFFFFF

 009BAD

 AEFFFF

 008192

 CDFFFF

 006778

 EBFFFF

 004F5F

 003748

 002331

 00021D

 000000

 4ED2E4

 4ED2E4

 37CFE4

 65D5E4

 20CDE4

 7CD7E4

 0ACAE4

 92DAE4

 00C9E4

 A9DDE4

 C0E0E4

 D7E2E4

 EEE5E4

 FFE8E4

 FFEBE4

Harmonies

Analogous

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



63D3C3



4ED2E4



67CDFB

Triad

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



4ED2E4



EEADE0



D5C07E

Complementary

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



4ED2E4



E4604E

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.



F1B587



4ED2E4



FFA8BF

Square

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



4ED2E4



CAB7F9



FFAB9E



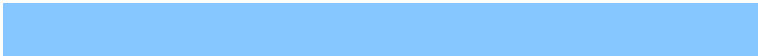
B1CA88

Rectangle

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



4ED2E4



87C7FF



FFAB9E



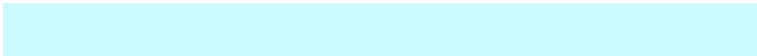
DFBC7F

Sweetspot

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



4ED2E4



CCF9FF



4EE460



617C80



000000



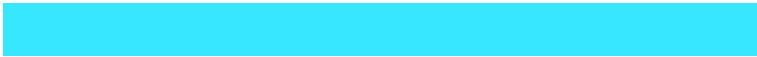
808080

Same Dimension

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



4ED2E4



36E7FF



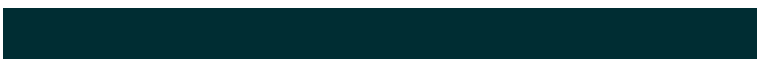
4E88E4



677173



009DB3



002D33

Inverse Universe

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



E44ED2



FF36E7



E4AB4E



736771



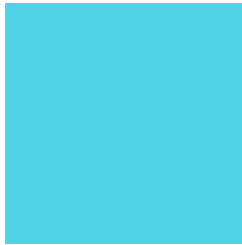
B3009D



33002D

Previews

White Background



This preview shows how the Hex color 4ED2E4 looks on a white background.

Color Contrast Check

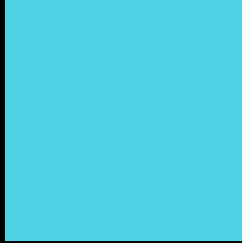
Large Text (above 18pt) WCAG AA × Fail

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 4ED2E4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

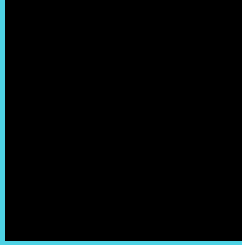
Any Text WCAG AA ✓ Pass

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 4ED2E4 Background



This preview shows how black text looks on a background with the Hex color 4ED2E4.

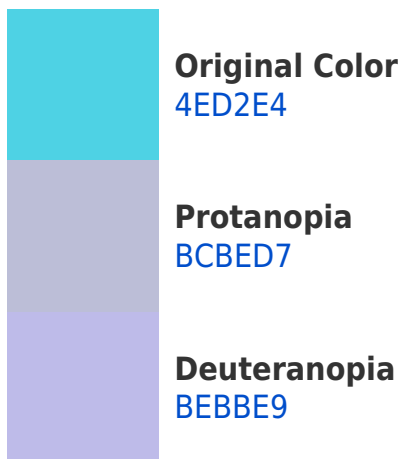


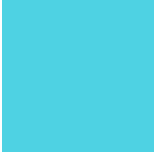
This preview shows how white text looks on a background with the Hex color 4ED2E4.

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](#).

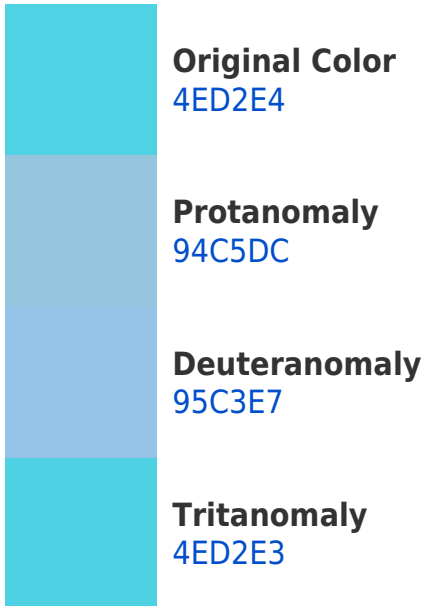
Dichromacy



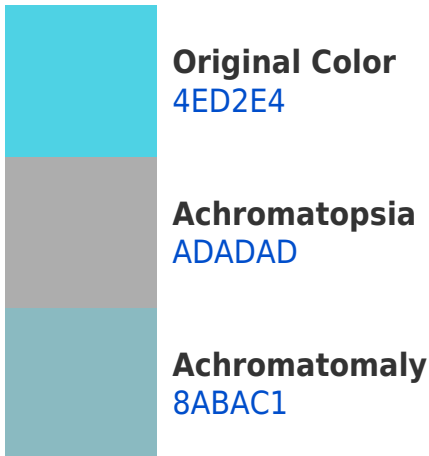


Tritanopia
4ED2E3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED2E4 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 #4ED2E4 looks like.

```
.text, #text, p{  
    color:#4ED2E4  
}
```

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 #4ED2E4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED2E4
}
```

Border

The CSS property to change the border of an element to Hex 4ED2E4 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
#4ED2E4 }
```

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

```
.border{ border-color:#4ED2E4 }
```

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

Here you see how a box with a 4 pixel #4ED2E4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED2E4; -webkit-box-shadow:4px 4px  
4px 4px #4ED2E4; box-shadow:4px 4px 4px  
4px #4ED2E4 }
```

Background

The CSS property to change the background color of an element to Hex 4ED2E4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED2E4 }
```

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

```
.background{ background-color:#4ED2E4 }
```

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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