

Converting Colors

Hex(4ED2D6)

Have a look what the booklet for
Hex(4ED2D6) contains.

Hex(4ED2D6)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(4ED2D6)

Conversions

Conversions Part 1

Format	Color
Hex	4ED2D6
RGB	78, 210, 214
RGB Percent	31%, 82%, 84%
CMY	0.6941, 0.1765, 0.1608
CMYK	0.64, 0.02, 0.00, 0.16
HSL	182°, 62%, 57%
HSV	182°, 64%, 84%
XYZ	38.3261, 52.5679, 71.7450
YIQ	170.9880, -79.9560, -26.7400

Conversions

Conversions Part 2

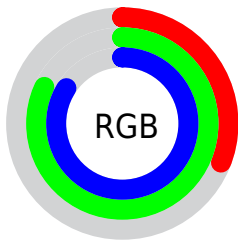
Format	Color
R _{YB}	78, 145, 214
Decimal	5165782
CIE Lab	77.62, -34.14, -12.62
CIE LCh	78, 36.397, 200.294
Yxy	52.5679, 0.2357, 0.3232
Android (android.graphics.Color)	4283355862 (0xFF4ED2D6)
YUV	170.9880, 21.2049, -81.5505
Hunter-Lab	72.5037, -32.5250, -7.9169

Details

The Hex color **4ED2D6** 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 **D6524E**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **8EFFFF**, and **009B9F** is the 20% darker color. If you saturate the color by 10%, you get **39D1D6**, and if you desaturate by 10%, it is **63D3D6**.

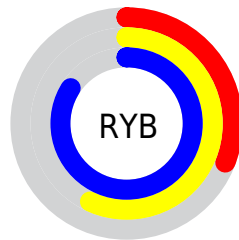
Distribution



Red (31%)

Green (82%)

Blue (84%)



Red (31%)

Yellow (57%)

Blue (84%)

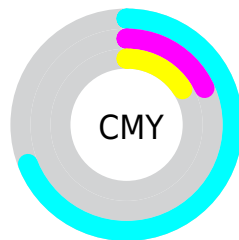


Cyan (64%)

Magenta (2%)

Yellow (0%)

Black (16%)



Cyan (69%)

Magenta (18%)

Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4ED2D6 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 4ED2D6 by changing the saturation by 10% instead.

 4ED2D6

 4ED2D6

FFFFFF

 25B6BA

 8EFFFF

 009B9F

 ACFFFF

 008185

 CBFFFF

 00676C

 E9FFFF

 004E54

 00373D

 002327

 000113

 000000

 4ED2D6

 4ED2D6

 39D1D6

 63D3D6

 23D1D6

 79D3D6

 0ED0D6

 8ED4D6

 00D0D6

 A4D5D6

 B9D5D6

 CED6D6

 E4D6D6

 F9D7D6

 FFD8D6

Harmonies

Analogous

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



70D2B3



4ED2D6



53CEF3

Triad

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



4ED2D6



E0AFEB



E1BA7D

Complementary

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



4ED2D6



D6524E

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.



F9AF8D



4ED2D6



FBA7CC

Square

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



4ED2D6



B5BBFF



FFA7AA



BFC580

Rectangle

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



4ED2D6



6FC9FF



FFA7AA



EAB681

Sweetspot

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



4ED2D6



CFFEFF



4ED650



627F80



000000



808080

Same Dimension

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



4ED2D6



3DF9FF



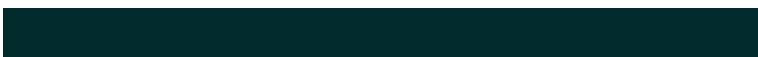
4E90D6



606B6B



00A6AB



002A2B

Inverse Universe

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



D64ED2



FF3DF9



D6944E



6B606B



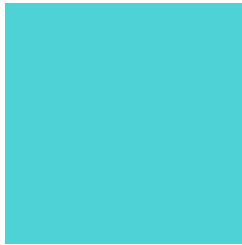
AB00A6



2B002A

Previews

White Background



This preview shows how the Hex color 4ED2D6 looks on a white background.

Color Contrast Check

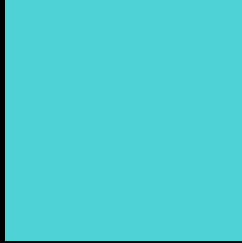
Large Text (above 18pt) WCAG AA × Fail

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 4ED2D6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

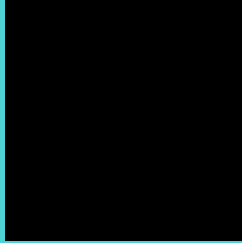
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

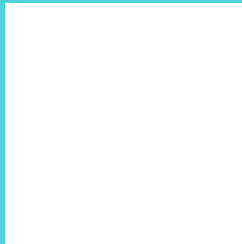
Any Text WCAG AAA ✓ Pass

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

Hex 4ED2D6 Background



This preview shows how black text looks on a background with the Hex color 4ED2D6.

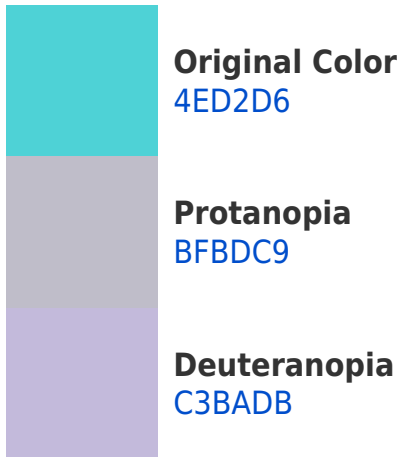


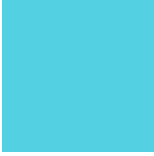
This preview shows how white text looks on a background with the Hex color 4ED2D6.

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
53D0E1

Trichromacy



Original Color
4ED2D6



Protanomaly
96C5CE



Deuteranomaly
98C3D9

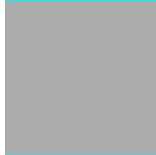


Tritanomaly
51D1DD

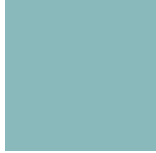
Monochromacy



Original Color
4ED2D6



Achromatopsia
ABABAB



Achromatomaly
89B9BB

CSS Examples

Text

The CSS property to change the color of the text to Hex 4ED2D6 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 #4ED2D6 looks like.

```
.text, #text, p{  
    color:#4ED2D6  
}
```

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 #4ED2D6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED2D6
}
```

Border

The CSS property to change the border of an element to Hex 4ED2D6 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
#4ED2D6 }
```

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

```
.border{ border-color:#4ED2D6 }
```

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

Here you see how a box with a 4 pixel #4ED2D6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED2D6; -webkit-box-shadow:4px 4px  
4px 4px #4ED2D6; box-shadow:4px 4px 4px  
4px #4ED2D6 }
```

Background

The CSS property to change the background color of an element to Hex 4ED2D6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED2D6 }
```

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

```
.background{ background-color:#4ED2D6 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor