

# Converting Colors

Hex(4ED2B1)

Have a look what the booklet for  
Hex(4ED2B1) contains.

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**Color**

**Hex(4ED2B1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4ED2B1
RGB	78, 210, 177
RGB Percent	31%, 82%, 69%
CMY	0.6941, 0.1765, 0.3059
CMYK	0.63, 0.00, 0.16, 0.18
HSL	165°, 59%, 56%
HSV	165°, 63%, 82%
XYZ	34.1243, 50.8872, 49.6186
YIQ	166.7700, -68.0790, -38.2470

# Conversions

## Conversions Part 2

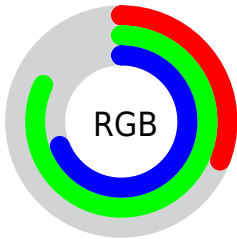
Format	Color
<a href="#">RYB</a>	<a href="#">78, 153, 210</a>
Decimal	<a href="#">5165745</a>
CIELab	<a href="#">76.61, -43.82, 5.77</a>
CIELCh	<a href="#">77, 44.194, 172.502</a>
Yxy	<a href="#">50.8872, 0.2535, 0.3780</a>
Android (android.graphics.Color)	<a href="#">4283355825 (0xFF4ED2B1)</a>
YUV	<a href="#">166.7700, 5.0434, -77.8513</a>
Hunter-Lab	<a href="#">71.3353, -39.4486, 8.6944</a>

# Details

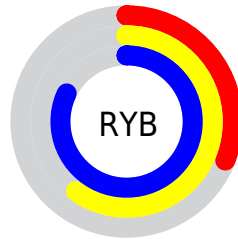
The Hex color **4ED2B1** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **D24E6F**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **8CFFE9**, and **009B7C** is the 20% darker color. If you saturate the color by 10%, you get **39D2AC**, and if you desaturate by 10%, it is **63D2B6**.

# Distribution



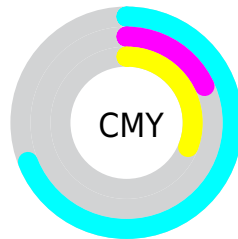
- Red (31%)
- Green (82%)
- Blue (69%)



- Red (31%)
- Yellow (60%)
- Blue (82%)



- Cyan (63%)
- Magenta (0%)
- Yellow (16%)
- Black (18%)



- Cyan (69%)
- Magenta (18%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4ED2B1 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 4ED2B1 by changing the saturation by 10% instead.



 4ED2B1

 4ED2B1

FFFFFF

 29B696

 8CFFE9

 009B7C

 AAFFFF

 008064

 C8FFFF

 00664C

 E6FFFF

 004D35

 003520

 001F09

 000000

 4ED2B1

 4ED2B1

 39D2AC

 63D2B6

 24D2A6

 78D2BC

 0FD2A1

 8DD2C1

 00D29E

 A2D2C6

 B7D2CB

 CCD2D1

 E1D2D6

 F6D2DB

 FFD2E0

# Harmonies

## Analogous

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



89CD8A



4ED2B1



00D2DB

# Triad

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



4ED2B1



B2B6FF



FEA97E

# Complementary

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



4ED2B1



D24E6F

# 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.



FF9EA0



4ED2B1



E6A7EF

# Square

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



4ED2B1



6BC4FF



FF9EC9



E0B76B

# Rectangle

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



4ED2B1



00D0F3



FF9EC9



FFA588

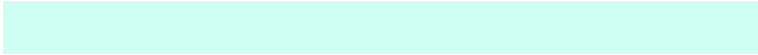


# Sweetspot

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



4ED2B1



CFFFF3



6FD24E



628078



000000



808080



# Same Dimension

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



4ED2B1



40FFCF



4EB1D2



5E6966



00A87E



00291F



# Inverse Universe

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



D24E6F



FF4070



D26F4E



695E61



A8002A



29000A



# Previews

## White Background



This preview shows how the Hex color 4ED2B1 looks on a white background.

## Color Contrast Check

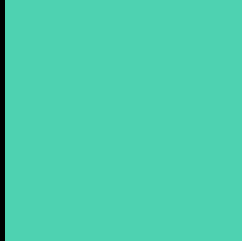
Large Text (above 18pt) WCAG AA × Fail

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 4ED2B1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

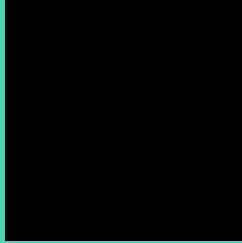
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

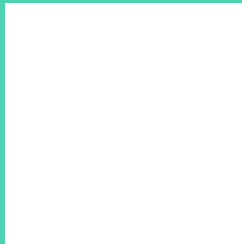
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 4ED2B1 Background



This preview shows how black text looks on a background with the Hex color 4ED2B1.



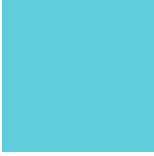
This preview shows how white text looks on a background with the Hex color 4ED2B1.

# 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





# Trichromacy



**Original Color**  
4ED2B1



**Protanomaly**  
99C3A9



**Deuteranomaly**  
A0C0B5



**Tritanomaly**  
59CECC

# Monochromacy



**Original Color**  
4ED2B1



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
87B7AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4ED2B1 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 #4ED2B1 looks like.

```
.text, #text, p{  
    color:#4ED2B1  
}
```

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 #4ED2B1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4ED2B1
}
```

## Border

The CSS property to change the border of an element to Hex 4ED2B1 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
#4ED2B1 }
```

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

```
.border{ border-color:#4ED2B1 }
```

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

Here you see how a box with a 4 pixel #4ED2B1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4ED2B1; -webkit-box-shadow:4px 4px  
4px 4px #4ED2B1; box-shadow:4px 4px 4px  
4px #4ED2B1 }
```

# Background

The CSS property to change the background color of an element to Hex 4ED2B1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4ED2B1 }
```

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

```
.background{ background-color:#4ED2B1 }
```

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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