

Converting Colors

Hex(1ED2C5)

Have a look what the booklet for
Hex(1ED2C5) contains.

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Color

Hex(1ED2C5)

Conversions

Conversions Part 1

Format	Color
Hex	1ED2C5
RGB	30, 210, 197
RGB Percent	12%, 82%, 77%
CMY	0.8824, 0.1765, 0.2275
CMYK	0.86, 0.00, 0.06, 0.18
HSL	176°, 75%, 47%
HSV	176°, 86%, 82%
XYZ	33.6601, 50.4004, 60.7775
YIQ	154.6980, -103.1070, -42.2030

Conversions

Conversions Part 2

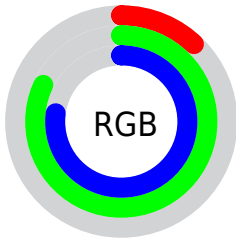
Format	Color
RYB	30, 123, 210
Decimal	2020037
CIELab	76.31, -44.16, -5.51
CIELCh	76, 44.500, 187.114
Yxy	50.4004, 0.2324, 0.3480
Android (android.graphics.Color)	4280210117 (0xFF1ED2C5)
YUV	154.6980, 20.8549, -109.3601
Hunter-Lab	70.9933, -39.6059, -1.0630

Details

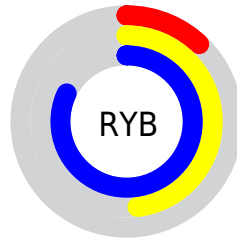
The Hex color **1ED2C5** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D21E2B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **72FFFE**, and **009B8F** is the 20% darker color. If you saturate the color by 10%, you get **09D2C3**, and if you desaturate by 10%, it is **33D2C7**.

Distribution



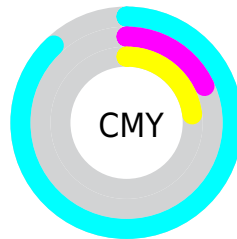
- Red (12%)
- Green (82%)
- Blue (77%)



- Red (12%)
- Yellow (48%)
- Blue (82%)



- Cyan (86%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)



- Cyan (88%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1ED2C5 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 1ED2C5 by changing the saturation by 10% instead.

 1ED2C5

 1ED2C5

FFFFFF

 00B6AA

 72FFFE

 009B8F

 92FFFF

 008076

 B2FFFF

 00665D

 D1FFFF

 004D46

 F0FFFF

 00352F

 001F1B

 000000

 1ED2C5

 1ED2C5

09D2C3

33D2C7

00D2C3

48D2C8

5DD2CA

72D2CB

87D2CD

9CD2CE

B1D2D0

C6D2D1

DBD2D3

Harmonies

Analogous

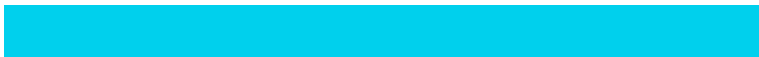
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



6DCF9B



1ED2C5



00D0ED

Triad

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



1ED2C5



CDAEFE



F1AF71

Complementary

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



1ED2C5



D21E2B

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.



FFA18D



1ED2C5



F8A0DD

Square

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



1ED2C5



8FBDFE



FF9BB4



CDBD69

Rectangle

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



1ED2C5



00CCFF



FF9BB4



FAAA78

Sweetspot

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



1ED2C5



BDFFFA



2DD21E



58807D



000000



808080

Same Dimension

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



1ED2C5



00FFED



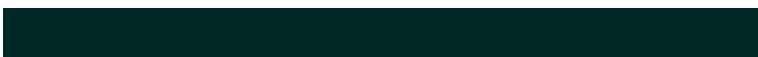
1E87D2



5E6968



00A89C



002926

Inverse Universe

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



D21E2B



FF0012



D2691E



695E5F



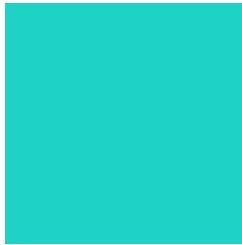
A8000C



290003

Previews

White Background



This preview shows how the Hex color 1ED2C5 looks on a white background.

Color Contrast Check

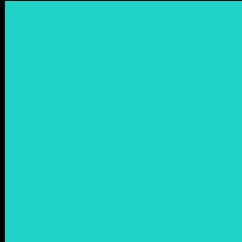
Large Text (above 18pt) WCAG AA × Fail

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 1ED2C5 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

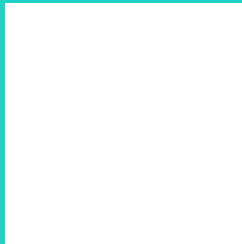
Any Text WCAG AAA ✓ Pass

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

Hex 1ED2C5 Background



This preview shows how black text looks on a background with the Hex color 1ED2C5.

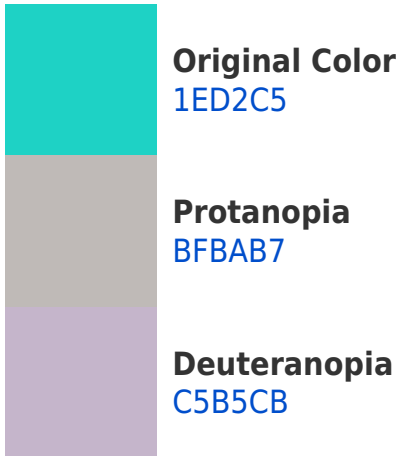


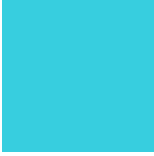
This preview shows how white text looks on a background with the Hex color 1ED2C5.

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
37CEDF

Trichromacy



Original Color
1ED2C5



Protanomaly
84C3BC



Deuteranomaly
88C0C9



Tritanomaly
2ECFD6

Monochromacy



Original Color
1ED2C5



Achromatopsia
9B9B9B



Achromatomaly
6EAFAA

CSS Examples

Text

The CSS property to change the color of the text to Hex 1ED2C5 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 #1ED2C5 looks like.

```
.text, #text, p{  
    color:#1ED2C5  
}
```

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 #1ED2C5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1ED2C5
}
```

Border

The CSS property to change the border of an element to Hex 1ED2C5 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
#1ED2C5 }
```

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

```
.border{ border-color:#1ED2C5 }
```

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

Here you see how a box with a 4 pixel #1ED2C5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1ED2C5; -webkit-box-shadow:4px 4px  
4px 4px #1ED2C5; box-shadow:4px 4px 4px  
4px #1ED2C5 }
```

Background

The CSS property to change the background color of an element to Hex 1ED2C5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1ED2C5 }
```

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

```
.background{ background-color:#1ED2C5 }
```

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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