

Converting Colors

Hex(2ED986)

Have a look what the booklet for
Hex(2ED986) contains.

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Color

Hex(2ED986)

Conversions

Conversions Part 1

Format	Color
Hex	2ED986
RGB	46, 217, 134
RGB Percent	18%, 85%, 53%
CMY	0.8196, 0.1490, 0.4745
CMYK	0.79, 0.00, 0.38, 0.15
HSL	151°, 69%, 52%
HSV	151°, 79%, 85%
XYZ	30.2426, 51.9278, 30.9834
YIQ	156.4090, -75.2730, -62.0650

Conversions

Conversions Part 2

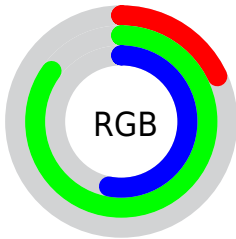
Format	Color
RYB	46, 159, 217
Decimal	3070342
CIELab	77.24, -60.54, 29.21
CIELCh	77, 67.215, 154.246
Yxy	51.9278, 0.2673, 0.4589
Android (android.graphics.Color)	4281260422 (0xFF2ED986)
YUV	156.4090, -11.0476, -96.8287
Hunter-Lab	72.0609, -51.1935, 24.9503

Details

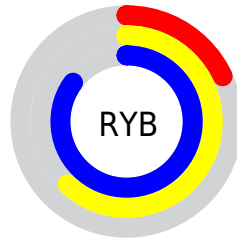
The Hex color **2ED986** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark washed spring green. A complement of this color would be **D92E81**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **77FFBC**, and **00A153** is the 20% darker color. If you saturate the color by 10%, you get **18D97B**, and if you desaturate by 10%, it is **44D991**.

Distribution



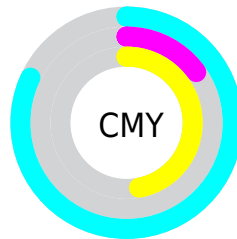
- Red (18%)
- Green (85%)
- Blue (53%)



- Red (18%)
- Yellow (62%)
- Blue (85%)



- Cyan (79%)
- Magenta (0%)
- Yellow (38%)
- Black (15%)



- Cyan (82%)
- Magenta (15%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2ED986 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 2ED986 by changing the saturation by 10% instead.

 2ED986

 2ED986

FFFFFF

 00BD6C

 77FFBC

 00A153

 97FFD8

 00863B

 B6FFF4

 006B24

 D4FFFF

 00510C

 F3FFFF

 003900

 002100

 000000

 2ED986

 2ED986

 18D97B

 44D991

 03D971

 59D99B

 00D970

 6FD9A6

 85D9B0

 9BD9BB

 B0D9C5

 C6D9D0

 DCD9DA

 F1D9E5

Harmonies

Analogous

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



98CF51



2ED986



00DDC6

Triad

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



2ED986



45C3FF



FF907C

Complementary

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



2ED986



D92E81

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.



FF85B8



2ED986



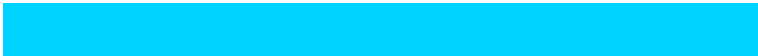
CDABFF

Square

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



2ED986



00D3FF



FF91F6



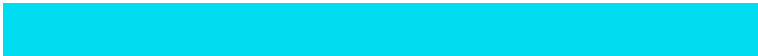
FFA84C

Rectangle

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



2ED986



00DDF0



FF91F6



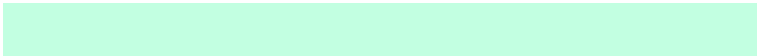
FF8A8F

Sweetspot

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



2ED986



C2FFE1



84D92E



5B806E



000000



808080

Same Dimension

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



2ED986



0DFF89



2ED9D9



636E68



00AD59



002E18

Inverse Universe

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



D92E81



FF0D82



D92E2E



6E6368



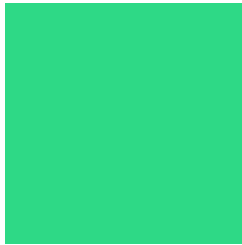
AD0054



2E0016

Previews

White Background



This preview shows how the Hex color 2ED986 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 2ED986 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

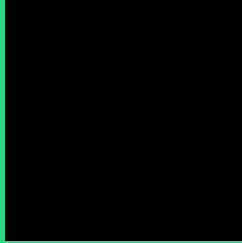
Any Text WCAG AA ✓ Pass

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 2ED986 Background



This preview shows how black text looks on a background with the Hex color 2ED986.

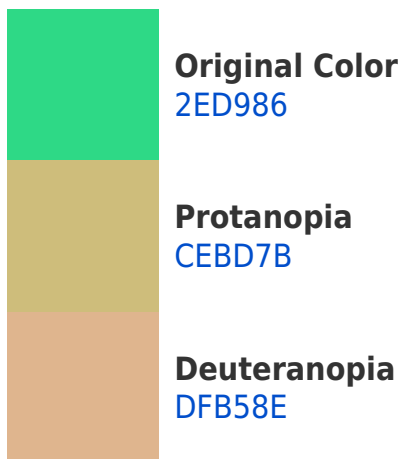


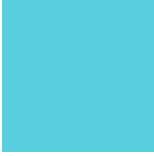
This preview shows how white text looks on a background with the Hex color 2ED986.

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](#).

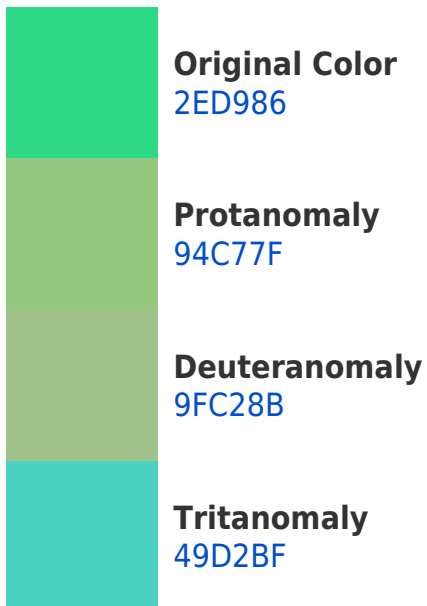
Dichromacy



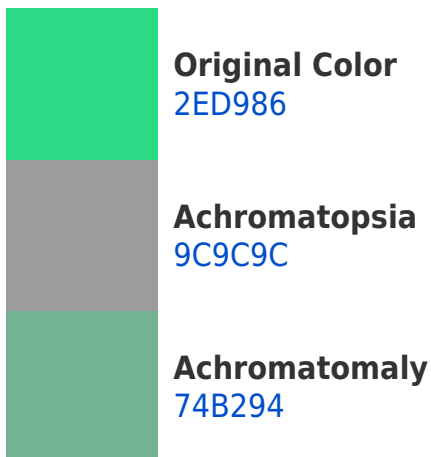


Tritanopia
58CEDF

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2ED986 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 #2ED986 looks like.

```
.text, #text, p{  
    color:#2ED986  
}
```

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 #2ED986 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2ED986
}
```

Border

The CSS property to change the border of an element to Hex 2ED986 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
#2ED986 }
```

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

```
.border{ border-color:#2ED986 }
```

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

Here you see how a box with a 4 pixel #2ED986 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2ED986; -webkit-box-shadow:4px 4px  
4px 4px #2ED986; box-shadow:4px 4px 4px  
4px #2ED986 }
```

Background

The CSS property to change the background color of an element to Hex 2ED986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2ED986 }
```

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

```
.background{ background-color:#2ED986 }
```

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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