

Converting Colors

Hex(2FE18F)

Have a look what the booklet for
Hex(2FE18F) contains.

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Color

Hex(2FE18F)

Conversions

Conversions Part 1

Format	Color
Hex	2FE18F
RGB	47, 225, 143
RGB Percent	18%, 88%, 56%
CMY	0.8157, 0.1176, 0.4392
CMYK	0.79, 0.00, 0.36, 0.12
HSL	152°, 75%, 53%
HSV	152°, 79%, 88%
XYZ	33.0554, 56.4379, 35.1380
YIQ	162.4300, -79.7660, -63.2380

Conversions

Conversions Part 2

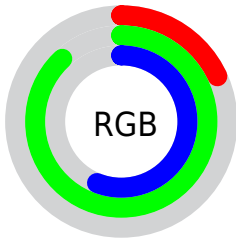
Format	Color
RYB	47, 163, 225
Decimal	3137935
CIELab	79.86, -61.58, 28.10
CIELCh	80, 67.688, 155.475
Yxy	56.4379, 0.2652, 0.4528
Android (android.graphics.Color)	4281328015 (0xFF2FE18F)
YUV	162.4300, -9.5790, -101.2321
Hunter-Lab	75.1252, -52.9282, 24.8561

Details

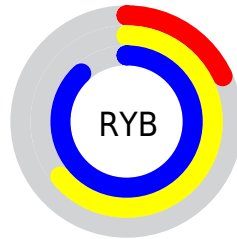
The Hex color **2FE18F** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle washed spring green. A complement of this color would be **E12F81**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **7AFFC5**, and **00A85C** is the 20% darker color. If you saturate the color by 10%, you get **18E185**, and if you desaturate by 10%, it is **46E199**.

Distribution



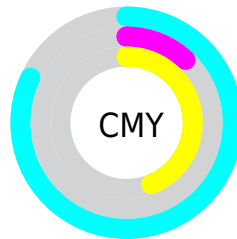
- Red (18%)
- Green (88%)
- Blue (56%)



- Red (18%)
- Yellow (64%)
- Blue (88%)



- Cyan (79%)
- Magenta (0%)
- Yellow (36%)
- Black (12%)



- Cyan (82%)
- Magenta (12%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FE18F 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 2FE18F by changing the saturation by 10% instead.

 2FE18F

 2FE18F

FFFFFF

 00C475

 7AFFC5

 00A85C

 99FFE1

 008D44

 B8FFFE

 00722C

 D7FFFF

 005815

 F6FFFF

 003F00

 002800

 000000

 2FE18F

 2FE18F

■ 18E185

■ 46E199

■ 02E17A

■ 5CE1A4

■ 00E179

■ 72E1AE

■ 89E1B8

■ A0E1C3

■ B6E1CD

■ CCE1D8

■ E3E1E2

■ F9E1EC

Harmonies

Analogous

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



9BD759



2FE18F



00E5D0

Triad

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



2FE18F



59C9FF



FF9880

Complementary

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



2FE18F



E12F81

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.



FF8CBD



2FE18F



D8B0FF

Square

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



2FE18F



00DAFF



FF97FC



FFB051

Rectangle

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



2FE18F



00E4FA



FF97FC



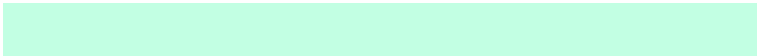
FF9293

Sweetspot

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



2FE18F



C2FFE3



82E12F



5B806E



000000



808080

Same Dimension

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



2FE18F



0DFF8F



2FDBE1



65706B



00B05F



00301A

Inverse Universe

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



E12F81



FF0D7C



E1352F



70656A



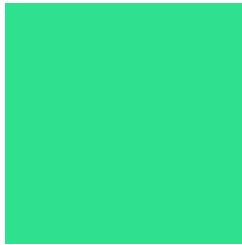
B00051



300016

Previews

White Background



This preview shows how the Hex color 2FE18F 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 2FE18F looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

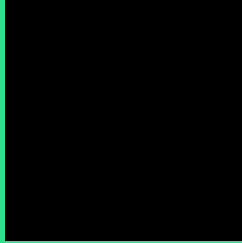
Any Text WCAG AA ✓ Pass

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 2FE18F Background



This preview shows how black text looks on a background with the Hex color 2FE18F.

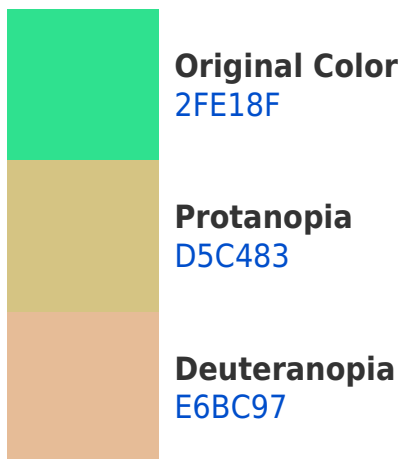


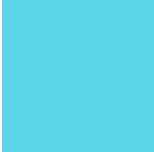
This preview shows how white text looks on a background with the Hex color 2FE18F.

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
5AD6E8

Trichromacy



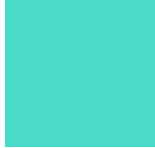
Original Color
2FE18F



Protanomaly
99CF87



Deuteranomaly
A3C994



Tritanomaly
4ADAC8

Monochromacy



Original Color
2FE18F



Achromatopsia
A2A2A2



Achromatomaly
78B99B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FE18F 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 #2FE18F looks like.

```
.text, #text, p{  
    color:#2FE18F  
}
```

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 #2FE18F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FE18F
}
```

Border

The CSS property to change the border of an element to Hex 2FE18F 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
#2FE18F }
```

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

```
.border{ border-color:#2FE18F }
```

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

Here you see how a box with a 4 pixel #2FE18F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FE18F; -webkit-box-shadow:4px 4px  
4px 4px #2FE18F; box-shadow:4px 4px 4px  
4px #2FE18F }
```

Background

The CSS property to change the background color of an element to Hex 2FE18F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FE18F }
```

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

```
.background{ background-color:#2FE18F }
```

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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