

Converting Colors

Hex(2FEB8D)

Have a look what the booklet for
Hex(2FEB8D) contains.

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Color

Hex(2FEB8D)

Conversions

Conversions Part 1

Format	Color
Hex	2FEB8D
RGB	47, 235, 141
RGB Percent	18%, 92%, 55%
CMY	0.8157, 0.0784, 0.4471
CMYK	0.80, 0.00, 0.40, 0.08
HSL	150°, 82%, 55%
HSV	150°, 80%, 92%
XYZ	35.6883, 61.9441, 35.2747
YIQ	168.0720, -81.8740, -69.0900

Conversions

Conversions Part 2

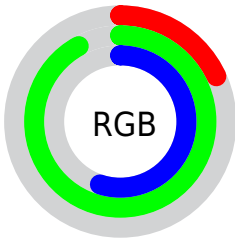
Format	Color
RYB	47, 172, 235
Decimal	3140493
CIELab	82.88, -65.51, 33.13
CIELCh	83, 73.407, 153.173
Yxy	61.9441, 0.2685, 0.4661
Android (android.graphics.Color)	4281330573 (0xFF2FEB8D)
YUV	168.0720, -13.3465, -106.1801
Hunter-Lab	78.7046, -56.7927, 28.5199

Details

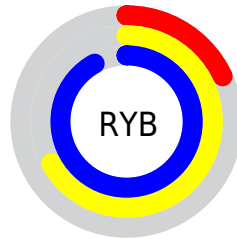
The Hex color **2FEB8D** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EB2F8D**, and the grayscale version is **A8A8A8**.

A 20% lighter version of the original color is **7CFFC3**, and **00B25A** is the 20% darker color. If you saturate the color by 10%, you get **17EB81**, and if you desaturate by 10%, it is **47EB99**.

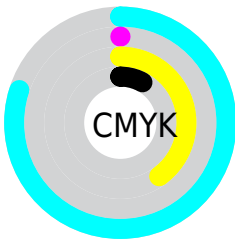
Distribution



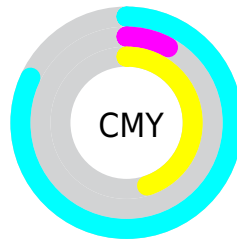
- Red (18%)
- Green (92%)
- Blue (55%)



- Red (18%)
- Yellow (67%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FEB8D 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 2FEB8D by changing the saturation by 10% instead.

 2FEB8D

 2FEB8D

FFFFFF

 00CE73

 7CFFC3

 00B25A

 9CFFE0

 009641

 BBFFFC


 007B29

 DBFFFF

 006110

 FAFFFF

 004700

 002F00

 001200

 000000

 2FEB8D

 2FEB8D

 17EB81

 47EB99

 00EB76

 5EEBA4

 76EBB0

 8DEBBC

 A4EBC8

 BCEBD3

 D3EBDF

 EBEBEB

 FFEBF7

Harmonies

Analogous

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



A5E052



2FEB8D



00F0D4

Triad

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



2FEB8D



2ED4FF



FF9987

Complementary

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



2FEB8D



EB2F8D

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.



FF8ECA



2FEB8D



DAB9FF

Square

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



2FEB8D



00E6FF



FF9CFF



FFB450

Rectangle

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



2FEB8D



00EFFF



FF9CFF



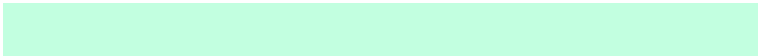
FF939C

Sweetspot

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



2FEB8D



C2FFE0



8DEB2F



5B806D



000000



808080

Same Dimension

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



2FEB8D



0AFF85



2FEBEB



6A756F



00B55B



00361B

Inverse Universe

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



EB2F8D



FF0A85



EB2F2F



756A6F



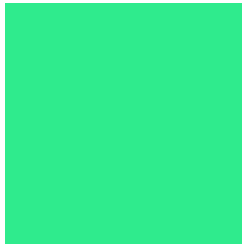
B5005B



36001B

Previews

White Background



This preview shows how the Hex color 2FEB8D 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 2FEB8D looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

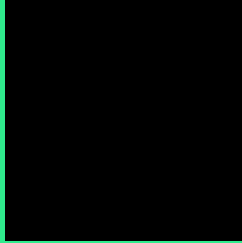
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

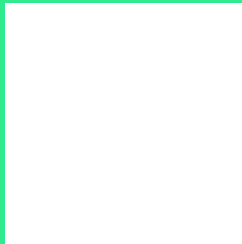
Any Text WCAG AAA ✓ Pass

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

Hex 2FEB8D Background



This preview shows how black text looks on a background with the Hex color 2FEB8D.

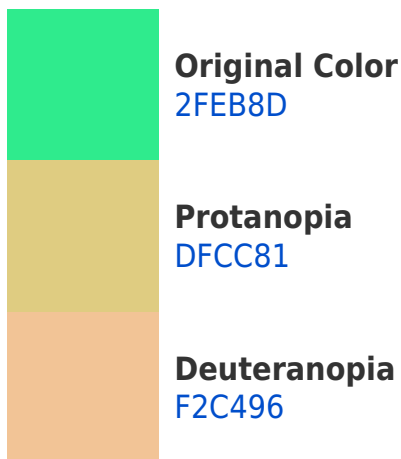


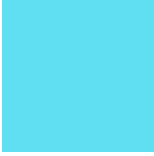
This preview shows how white text looks on a background with the Hex color 2FEB8D.

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



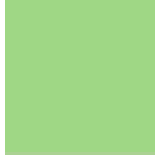


Tritanopia
5FDFF1

Trichromacy



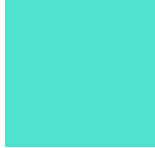
Original Color
2FEB8D



Protanomaly
9FD785



Deuteranomaly
ABD293



Tritanomaly
4EE3CD

Monochromacy



Original Color
2FEB8D



Achromatopsia
A8A8A8



Achromatomaly
7CC09E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FEB8D 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 #2FEB8D looks like.

```
.text, #text, p{  
    color:#2FEB8D  
}
```

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 #2FEB8D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEB8D
}
```

Border

The CSS property to change the border of an element to Hex 2FEB8D 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
#2FEB8D }
```

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

```
.border{ border-color:#2FEB8D }
```

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

Here you see how a box with a 4 pixel #2FEB8D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEB8D; -webkit-box-shadow:4px 4px  
4px 4px #2FEB8D; box-shadow:4px 4px 4px  
4px #2FEB8D }
```

Background

The CSS property to change the background color of an element to Hex 2FEB8D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEB8D }
```

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

```
.background{ background-color:#2FEB8D }
```

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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