

Converting Colors

Hex(2FEBA3)

Have a look what the booklet for
Hex(2FEBA3) contains.

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Color

Hex(2FEBA3)

Conversions

Conversions Part 1

Format	Color
Hex	2FEBA3
RGB	47, 235, 163
RGB Percent	18%, 92%, 64%
CMY	0.8157, 0.0784, 0.3608
CMYK	0.80, 0.00, 0.31, 0.08
HSL	157°, 82%, 55%
HSV	157°, 80%, 92%
XYZ	37.4915, 62.6653, 44.7699
YIQ	170.5800, -88.9360, -62.2480

Conversions

Conversions Part 2

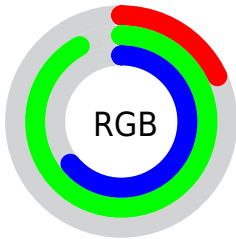
Format	Color
RYB	47, 163, 235
Decimal	3140515
CIELab	83.27, -61.18, 22.43
CIELCh	83, 65.160, 159.868
Yxy	62.6653, 0.2587, 0.4324
Android (android.graphics.Color)	4281330595 (0xFF2FEBA3)
YUV	170.5800, -3.7369, -108.3797
Hunter-Lab	79.1614, -53.9935, 21.8814

Details

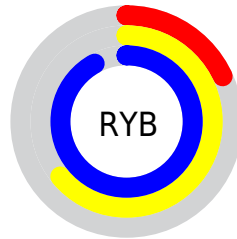
The Hex color **2FEBA3** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EB2F77**, and the grayscale version is **ABABAB**.

A 20% lighter version of the original color is **7CFFDA**, and **00B26F** is the 20% darker color. If you saturate the color by 10%, you get **17EB9A**, and if you desaturate by 10%, it is **47EBAC**.

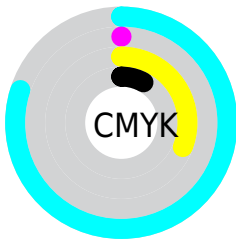
Distribution



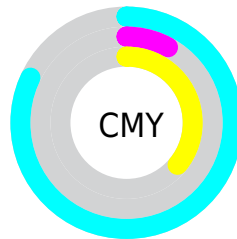
- Red (18%)
- Green (92%)
- Blue (64%)



- Red (18%)
- Yellow (64%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (31%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FEBA3 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 2FEBA3 by changing the saturation by 10% instead.

 2FEBA3

FFFFFF

 7CFFDA

 9CFFF7

 BCFFFF


 DBFFFF

 FAFFFF

 2FEBA3

 00CE89

 00B26F

 009656

 007B3E

 006128

 004812

 003100

 001400

 000000

 2FEBA3

 2FEBA3

 17EB9A

 47EBAC

 00EB91

 5EEBB5

 76EBBE

 8DEBC7

 A4EBD0

 BCEBD9

 D3EBE2

 EBEBEB

 FFEBF4

Harmonies

Analogous

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



9CE26D



2FEBA3



00EEE2

Triad

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



2FEBA3



86CFFF



FFA684

Complementary

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



2FEBA3



EB2F77

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.



FF99BD



2FEBA3



EEB7FF

Square

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



2FEBA3



00E1FF



FFA1FB



FFBD5A

Rectangle

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



2FEBA3



00EDFF



FFA1FB



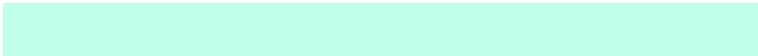
FFA096

Sweetspot

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



2FEBA3



C2FFE8



77EB2F



5B8071



000000



808080

Same Dimension

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



2FEBA3



0AFFA1



2FD5EB



6A7571



00B570



003621

Inverse Universe

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



EB2F77



FF0A68



EB452F



756A6E



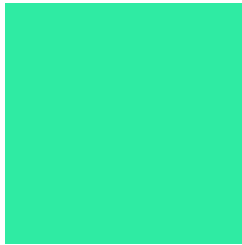
B50045



360015

Previews

White Background



This preview shows how the Hex color 2FEBA3 looks on a white background.

Color Contrast Check

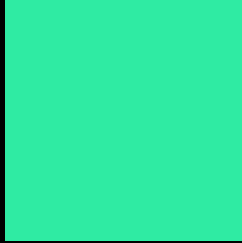
Large Text (above 18pt) WCAG AA × Fail

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 2FEBA3 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

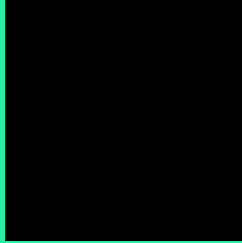
Any Text WCAG AA ✓ Pass

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 2FEBA3 Background



This preview shows how black text looks on a background with the Hex color 2FEBA3.

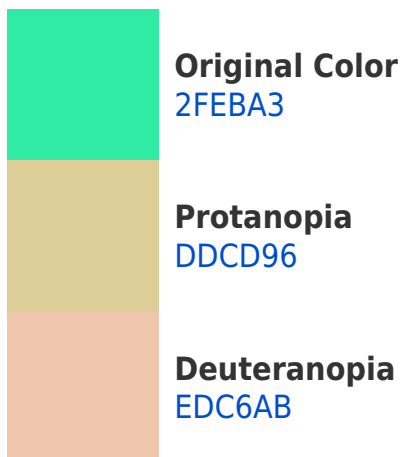


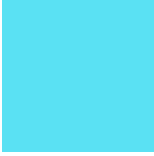
This preview shows how white text looks on a background with the Hex color 2FEBA3.

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
5AE1F3

Trichromacy



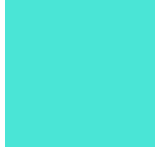
Original Color
2FEBA3



Protanomaly
9ED89B



Deuteranomaly
A8D3A8



Tritanomaly
4AE5D6

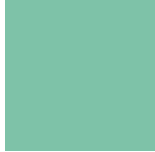
Monochromacy



Original Color
2FEBA3



Achromatopsia
ABABAB



Achromatomaly
7EC2A8

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FEBA3 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 #2FEBA3 looks like.

```
.text, #text, p{  
    color:#2FEBA3  
}
```

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 #2FEBA3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEBA3
}
```

Border

The CSS property to change the border of an element to Hex 2FEBA3 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
#2FEBA3 }
```

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

```
.border{ border-color:#2FEBA3 }
```

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

Here you see how a box with a 4 pixel #2FEBA3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEBA3; -webkit-box-shadow:4px 4px  
4px 4px #2FEBA3; box-shadow:4px 4px 4px  
4px #2FEBA3 }
```

Background

The CSS property to change the background color of an element to Hex 2FEBA3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEBA3 }
```

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

```
.background{ background-color:#2FEBA3 }
```

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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