

Converting Colors

Hex(2FEAB4)

Have a look what the booklet for
Hex(2FEAB4) contains.

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Color

Hex(2FEAB4)

Conversions

Conversions Part 1

Format	Color
Hex	2FEAB4
RGB	47, 234, 180
RGB Percent	18%, 92%, 71%
CMY	0.8157, 0.0824, 0.2941
CMYK	0.80, 0.00, 0.23, 0.08
HSL	163°, 82%, 55%
HSV	163°, 80%, 92%
XYZ	38.8333, 62.7453, 53.2443
YIQ	171.9310, -94.1180, -56.4380

Conversions

Conversions Part 2

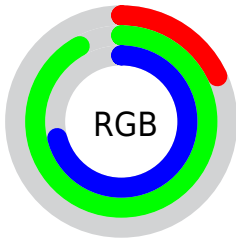
Format	Color
RYB	47, 156, 234
Decimal	3140276
CIELab	83.31, -57.04, 13.65
CIELCh	83, 58.648, 166.538
Yxy	62.7453, 0.2508, 0.4053
Android (android.graphics.Color)	4281330356 (0xFF2FEAB4)
YUV	171.9310, 3.9780, -109.5645
Hunter-Lab	79.2119, -51.1119, 15.5950

Details

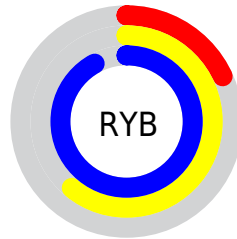
The Hex color **2FEAB4** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **EA2F65**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **7CFFEC**, and **00B17F** is the 20% darker color. If you saturate the color by 10%, you get **18EAAD**, and if you desaturate by 10%, it is **46EABB**.

Distribution



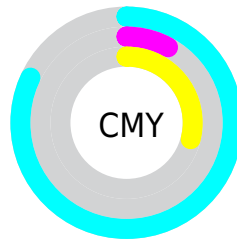
- Red (18%)
- Green (92%)
- Blue (71%)



- Red (18%)
- Yellow (61%)
- Blue (92%)



- Cyan (80%)
- Magenta (0%)
- Yellow (23%)
- Black (8%)



- Cyan (82%)
- Magenta (8%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2FEAB4 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 2FEAB4 by changing the saturation by 10% instead.

 2FEAB4

 2FEAB4

FFFFFF

 00CD99

 7CFFEC

 00B17F

 9CFFFF

 009666

 BCFFFF

 007B4E

 DBFFFF

 006137

 FBFFFF

 004721

 00310C

 001400

 000000

 2FEAB4

 2FEAB4

 18EAAD

 46EABB

 00EAA6

 5EEAC2

 75EAC8

 8DEACF

 A4EAD6

 BBEADD

 D3EAE3

 EAEAEA

 FFEAF1

Harmonies

Analogous

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



94E381



2FEAB4



00ECED

Triad

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



2FEAB4



ABCBFF



FFB082

Complementary

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



2FEAB4



EA2F65

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.



FFA2B3



2FEAB4



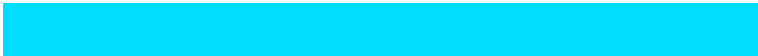
FBB5FF

Square

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



2FEAB4



00DDFF



FFA4EB



FFC462

Rectangle

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



2FEAB4



00EAFF



FFA4EB



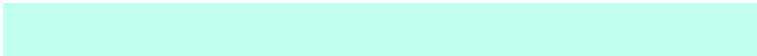
FFAA91

Sweetspot

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



2FEAB4



C2FFED



67EA2F



5B8075



000000



808080

Same Dimension

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



2FEAB4



0AFFB8



2FC5EA



6A7572



00B581



003626

Inverse Universe

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



EA2F65



FF0A51



EA542F



756A6D



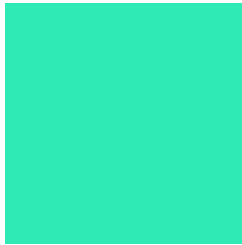
B50034



36000F

Previews

White Background



This preview shows how the Hex color 2FEAB4 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 2FEAB4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

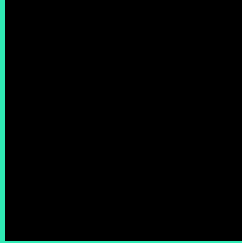
Any Text WCAG AA ✓ Pass

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 2FEAB4 Background



This preview shows how black text looks on a background with the Hex color 2FEAB4.



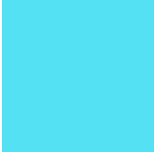
This preview shows how white text looks on a background with the Hex color 2FEAB4.

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
55E1F4

Trichromacy



Original Color
2FEAB4



Protanomaly
9CD8AB



Deuteranomaly
A5D3B9

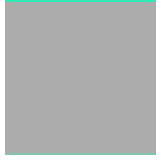


Tritanomaly
47E4DD

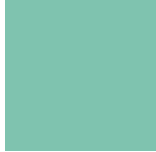
Monochromacy



Original Color
2FEAB4



Achromatopsia
ACACAC



Achromatomaly
7FC3AF

CSS Examples

Text

The CSS property to change the color of the text to Hex 2FEAB4 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 #2FEAB4 looks like.

```
.text, #text, p{  
    color:#2FEAB4  
}
```

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 #2FEAB4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEAB4
}
```

Border

The CSS property to change the border of an element to Hex 2FEAB4 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
#2FEAB4 }
```

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

```
.border{ border-color:#2FEAB4 }
```

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

Here you see how a box with a 4 pixel #2FEAB4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEAB4; -webkit-box-shadow:4px 4px  
4px 4px #2FEAB4; box-shadow:4px 4px 4px  
4px #2FEAB4 }
```

Background

The CSS property to change the background color of an element to Hex 2FEAB4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEAB4 }
```

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

```
.background{ background-color:#2FEAB4 }
```

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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