

# Converting Colors

Hex(2FEAA2)

Have a look what the booklet for  
Hex(2FEAA2) contains.

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# Color

Hex(2FEAA2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2FEAA2
RGB	47, 234, 162
RGB Percent	18%, 92%, 64%
CMY	0.8157, 0.0824, 0.3647
CMYK	0.80, 0.00, 0.31, 0.08
HSL	157°, 82%, 55%
HSV	157°, 80%, 92%
XYZ	37.1167, 62.0586, 44.2047
YIQ	169.8790, -88.3400, -62.0360

# Conversions

## Conversions Part 2

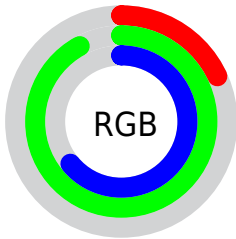
<b>Format</b>	<b>Color</b>
<b>RYB</b>	47, 163, 234
Decimal	3140258
CIELab	82.94, -61.02, 22.50
CIELCh	83, 65.036, 159.758
Yxy	62.0586, 0.2589, 0.4328
Android (android.graphics.Color)	4281330338 (0xFF2FEAA2)
YUV	169.8790, -3.8843, -107.7649
Hunter-Lab	78.7773, -53.7582, 21.8744

# Details

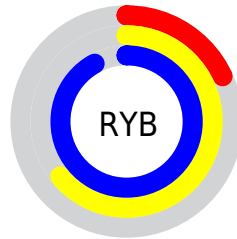
The Hex color **2FEAA2** is a dark color, and the websafe version is hex **33FFCC**. The color can be described as middle washed spring green. A complement of this color would be **EA2F77**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7CFFD9**, and **00B16E** is the 20% darker color. If you saturate the color by 10%, you get **18EA99**, and if you desaturate by 10%, it is **46EAAB**.

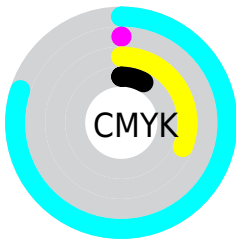
# Distribution



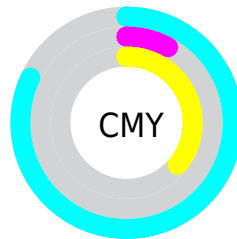
- Red (18%)
- Green (92%)
- Blue (64%)



- 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 2FEAA2 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 2FEAA2 by changing the saturation by 10% instead.



 2FEAA2

 2FEAA2

FFFFFF

 00CD88

 7CFFD9

 00B16E

 9CFFF6

 009555

 BBFFF5

 007A3E

 DBFFF5

 006027

 FAFFF5

 004711

 003000

 001200

 000000

 2FEAA2

 2FEAA2

 18EA99

 46EAAB

 00EA90

 5EEAB4

 75EABD

 8DEAC6

 A4EACF

 BBEAD8

 D3EAE1

 EAEAEA

 FFEAF3

# Harmonies

## Analogous

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



9CE16C



2FEAA2



00EDE1

# Triad

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



2FEAA2



84CEFF



FFA683

# Complementary

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



2FEAA2



EA2F77

# 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



2FEAA2



EDB6FF

# Square

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



2FEAA2



00E0FF



FFA0FA



FFBC59

# Rectangle

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



2FEAA2



00ECFF



FFA0FA



FFA095

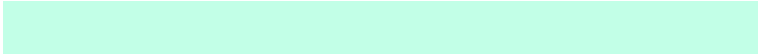


# Sweetspot

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



2FEAA2



C2FFE7



7AEA2F



5B8071



000000



808080



# Same Dimension

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



2FEAA2



0AFFA1



2FD7EA



6A7571



00B56F



003621



# Inverse Universe

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



EA2F77



FF0A68



EA422F



756A6E



B50046

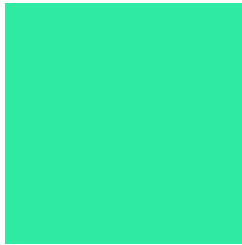


360015



# Previews

## White Background



This preview shows how the Hex color 2FEAA2 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 2FEAA2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

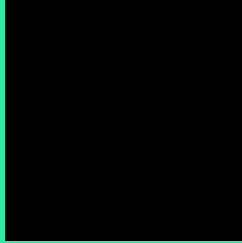
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2FEAA2 Background



This preview shows how black text looks on a background with the Hex color 2FEAA2.

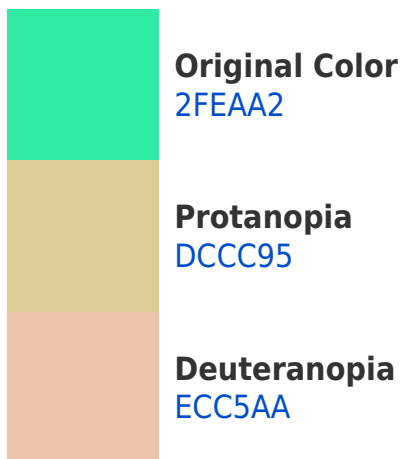


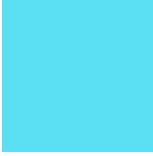
This preview shows how white text looks on a background with the Hex color 2FEAA2.

# 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**  
5AE0F2

# Trichromacy



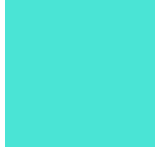
**Original Color**  
2FEAA2



**Protanomaly**  
9DD79A



**Deuteranomaly**  
A7D2A7



**Tritanomaly**  
4AE4D5

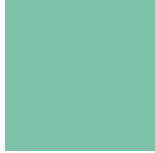
# Monochromacy



**Original Color**  
2FEAA2



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
7DC1A7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2FEAA2 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 #2FEAA2 looks like.

```
.text, #text, p{  
    color:#2FEAA2  
}
```

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 #2FEAA2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2FEAA2
}
```

## Border

The CSS property to change the border of an element to Hex 2FEAA2 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
#2FEAA2 }
```

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

```
.border{ border-color:#2FEAA2 }
```

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

Here you see how a box with a 4 pixel #2FEAA2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2FEAA2; -webkit-box-shadow:4px 4px  
4px 4px #2FEAA2; box-shadow:4px 4px 4px  
4px #2FEAA2 }
```

# Background

The CSS property to change the background color of an element to Hex 2FEAA2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2FEAA2 }
```

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

```
.background{ background-color:#2FEAA2 }
```

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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