

Converting Colors

Hex(2EEE8B)

Have a look what the booklet for
Hex(2EEE8B) contains.

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Color

Hex(2EEE8B)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 2EEE8B |
| RGB | 46, 238, 139 |
| RGB Percent | 18%, 93%, 55% |
| CMY | 0.8196, 0.0667, 0.4549 |
| CMYK | 0.81, 0.00, 0.42, 0.07 |
| HSL | 149°, 85%, 56% |
| HSV | 149°, 81%, 93% |
| XYZ | 36.3614, 63.5940, 34.7845 |
| YIQ | 169.3060, -82.6530, -71.4930 |

Conversions

Conversions Part 2

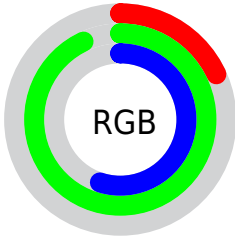
| Format | Color |
|-------------------------------------|----------------------------------|
| RYB | 46, 175, 238 |
| Decimal | 3075723 |
| CIELab | 83.75, -67.00, 35.27 |
| CIELCh | 84, 75.718, 152.240 |
| Yxy | 63.5940, 0.2699, 0.4720 |
| Android (android.graphics.Color) | 4281265803 (0xFF2EEE8B) |
| YUV | 169.3060, -14.9409, -108.1394 |
| Hunter-Lab | 79.7458, -58.1652, 29.9602 |

Details

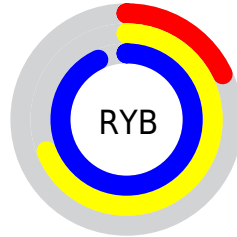
The Hex color **2EEE8B** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **EE2E91**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7CFFC1**, and **00B557** is the 20% darker color. If you saturate the color by 10%, you get **16EE7F**, and if you desaturate by 10%, it is **46EE97**.

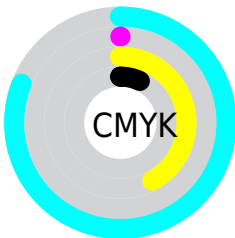
Distribution



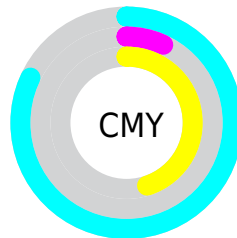
- Red (18%)
- Green (93%)
- Blue (55%)



- Red (18%)
- Yellow (69%)
- Blue (93%)



- Cyan (81%)
- Magenta (0%)
- Yellow (42%)
- Black (7%)



- Cyan (82%)
- Magenta (7%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EEE8B 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 2EEE8B by changing the saturation by 10% instead.

 2EEE8B

 2EEE8B


FFFFFF

 00D171

 7CFFC1

 00B557

 9CFFDE

 00993F

 BCFFFA

 007E26

 DBFFFF

 00630C

 FBFFFF

 004900

 003200

 001600

 000000

 2EEE8B

 2EEE8B

 16EE7F

 46EE97

 00EE73

 5EEEA4

 75EEB0

 8DEEBC

 A5EEC8

 BDEED5

 D5EEE1

 ECEED

 FFEEF9

Harmonies

Analogous

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



A8E34E



2EEE8B



00F3D4

Triad

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



2EEE8B



00D7FF



FF9989

Complementary

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



2EEE8B



EE2E91

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.



FF8DCE



2EEE8B



D9BCFF

Square

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



2EEE8B



00E9FF



FF9DFF



FFB450

Rectangle

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



2EEE8B



00F3FF



FF9DFF



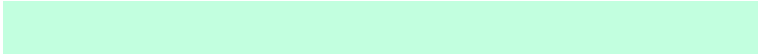
FF929F

Sweetspot

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



2EEE8B



C2FFDF



91EE2E



5B806C



000000



808080

Same Dimension

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



2EEE8B



08FF7F



2EEEEB



6C7872



00B859



00381B

Inverse Universe

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



EE2E91



FF0887



EE2E31



786C72



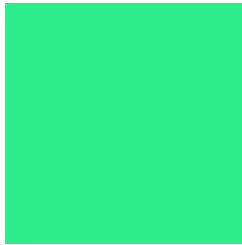
B8005F



38001D

Previews

White Background



This preview shows how the Hex color 2EEE8B 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 2EEE8B looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

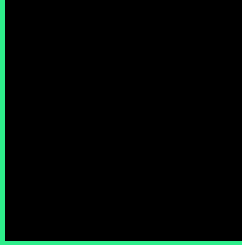
Any Text WCAG AA ✓ Pass

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 2EEE8B Background



This preview shows how black text looks on a background with the Hex color 2EEE8B.

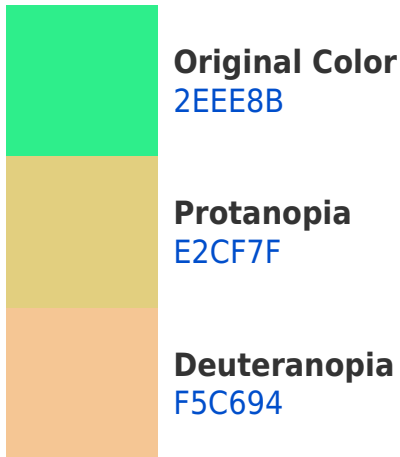


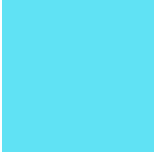
This preview shows how white text looks on a background with the Hex color 2EEE8B.

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
60E2F4

Trichromacy



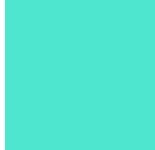
Original Color
2EEE8B



Protanomaly
A1DA83



Deuteranomaly
ADD591

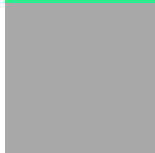


Tritanomaly
4EE6CE

Monochromacy



Original Color
2EEE8B



Achromatopsia
A9A9A9



Achromatomaly
7CC29E

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EEE8B 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 #2EEE8B looks like.

```
.text, #text, p{  
    color:#2EEE8B  
}
```

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 #2EEE8B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EEE8B
}
```

Border

The CSS property to change the border of an element to Hex 2EEE8B 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
#2EEE8B }
```

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

```
.border{ border-color:#2EEE8B }
```

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

Here you see how a box with a 4 pixel #2EEE8B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EEE8B; -webkit-box-shadow:4px 4px  
4px 4px #2EEE8B; box-shadow:4px 4px 4px  
4px #2EEE8B }
```

Background

The CSS property to change the background color of an element to Hex 2EEE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EEE8B }
```

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

```
.background{ background-color:#2EEE8B }
```

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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