

Converting Colors

Hex(2EE68A)

Have a look what the booklet for
Hex(2EE68A) contains.

Hex(2EE68A)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(2EE68A)

Conversions

Conversions Part 1

Format	Color
Hex	2EE68A
RGB	46, 230, 138
RGB Percent	18%, 90%, 54%
CMY	0.8196, 0.0980, 0.4588
CMYK	0.80, 0.00, 0.40, 0.10
HSL	150°, 79%, 54%
HSV	150°, 80%, 90%
XYZ	34.0110, 59.0094, 33.6422
YIQ	164.4960, -80.1320, -67.6200

Conversions

Conversions Part 2

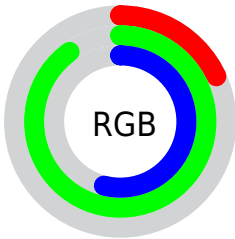
Format	Color
RYB	46, 169, 230
Decimal	3073674
CIELab	81.30, -64.41, 32.54
CIELCh	81, 72.164, 153.193
Yxy	59.0094, 0.2685, 0.4659
Android (android.graphics.Color)	4281263754 (0xFF2EE68A)
YUV	164.4960, -13.0625, -103.9210
Hunter-Lab	76.8176, -55.4000, 27.8064

Details

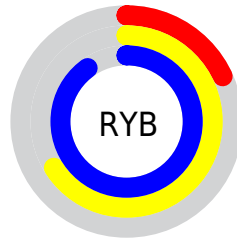
The Hex color **2EE68A** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **E62E8A**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7AFFC0**, and **00AD57** is the 20% darker color. If you saturate the color by 10%, you get **17E67F**, and if you desaturate by 10%, it is **45E696**.

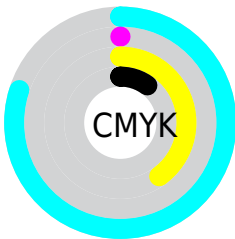
Distribution



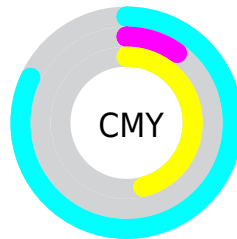
- Red (18%)
- Green (90%)
- Blue (54%)



- Red (18%)
- Yellow (66%)
- Blue (90%)



- Cyan (80%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (82%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2EE68A 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 2EE68A by changing the saturation by 10% instead.

 2EE68A

 2EE68A


FFFFFF

 00C970

 7AFFC0

 00AD57

 9AFFDC

 00913E

 B9FFF9

 007726

 D9FFFF

 005C0E

 F8FFFF

 004300

 002B00

 000900

 000000

 2EE68A

 2EE68A

 17E67F

 45E696

 00E673

 5CE6A1

 73E6AD

 8AE6B8

 A1E6C3

 B8E6CF

 CFE6DB

 E6E6E6

 FDE6F2

Harmonies

Analogous

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



A2DB50



2EE68A



00EBCF

Triad

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



2EE68A



2ECFFF



FF9684

Complementary

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



2EE68A



E62E8A

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.



FF8BC5



2EE68A



D5B5FF

Square

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



2EE68A



00E1FF



FF99FF



FFB04F

Rectangle

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



2EE68A



00EAFD



FF99FF



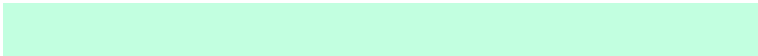
FF9099

Sweetspot

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



2EE68A



C2FFE0



8AE62E



5B806D



000000



808080

Same Dimension

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



2EE68A



0AFF85



2EE6E6



67736D



00B359



00331A

Inverse Universe

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



E62E8A



FF0A85



E62E2E



73676D



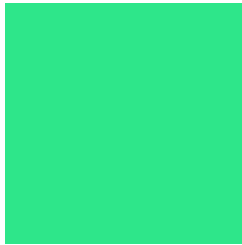
B30059



33001A

Previews

White Background



This preview shows how the Hex color 2EE68A 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 2EE68A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

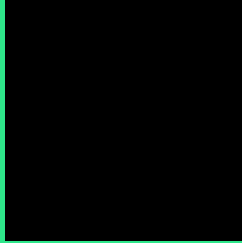
Any Text WCAG AA ✓ Pass

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 2EE68A Background



This preview shows how black text looks on a background with the Hex color 2EE68A.

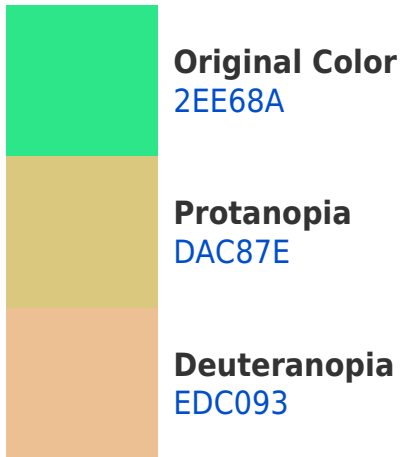


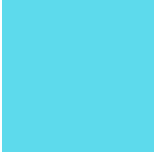
This preview shows how white text looks on a background with the Hex color 2EE68A.

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





Trichromacy



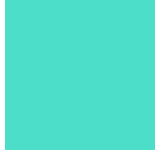
Original Color
2EE68A



Protanomaly
9BD382



Deuteranomaly
A8CE90



Tritanomaly
4CDEC8

Monochromacy



Original Color
2EE68A



Achromatopsia
A4A4A4



Achromatomaly
79BC9B

CSS Examples

Text

The CSS property to change the color of the text to Hex 2EE68A 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 #2EE68A looks like.

```
.text, #text, p{  
    color:#2EE68A  
}
```

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 #2EE68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2EE68A
}
```

Border

The CSS property to change the border of an element to Hex 2EE68A 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
#2EE68A }
```

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

```
.border{ border-color:#2EE68A }
```

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

Here you see how a box with a 4 pixel #2EE68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2EE68A; -webkit-box-shadow:4px 4px  
4px 4px #2EE68A; box-shadow:4px 4px 4px  
4px #2EE68A }
```

Background

The CSS property to change the background color of an element to Hex 2EE68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2EE68A }
```

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

```
.background{ background-color:#2EE68A }
```

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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