

Converting Colors

Hex(34E8A2)

Have a look what the booklet for
Hex(34E8A2) contains.

Hex(34E8A2)	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(34E8A2)

Conversions

Conversions Part 1

Format	Color
Hex	34E8A2
RGB	52, 232, 162
RGB Percent	20%, 91%, 64%
CMY	0.7961, 0.0902, 0.3647
CMYK	0.78, 0.00, 0.30, 0.09
HSL	157°, 80%, 56%
HSV	157°, 78%, 91%
XYZ	36.7944, 61.0519, 44.0274
YIQ	170.2000, -84.8100, -59.9300

Conversions

Conversions Part 2

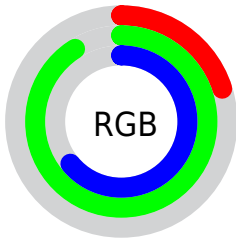
Format	Color
RYB	52, 164, 232
Decimal	3467426
CIELab	82.41, -59.76, 21.77
CIELCh	82, 63.604, 159.982
Yxy	61.0519, 0.2593, 0.4303
Android (android.graphics.Color)	4281657506 (0xFF34E8A2)
YUV	170.2000, -4.0426, -103.6614
Hunter-Lab	78.1357, -52.6813, 21.2867

Details

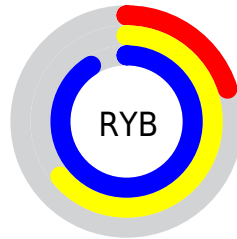
The Hex color **34E8A2** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed spring green. A complement of this color would be **E8347A**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7EFFF9**, and **00AF6E** is the 20% darker color. If you saturate the color by 10%, you get **1DE899**, and if you desaturate by 10%, it is **4BE8AB**.

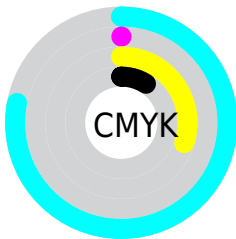
Distribution



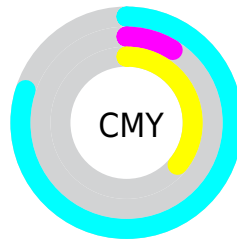
- Red (20%)
- Green (91%)
- Blue (64%)



- Red (20%)
- Yellow (64%)
- Blue (91%)



- Cyan (78%)
- Magenta (0%)
- Yellow (30%)
- Black (9%)



- Cyan (80%)
- Magenta (9%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34E8A2 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 34E8A2 by changing the saturation by 10% instead.

 34E8A2

 34E8A2

FFFFFF

 00CB88

 7EFFF9

 00AF6E

 9EFFF6

 009455

 BDFFFF

 00793E

 DCFFFF

 005F27

 FBFFFF

 004511

 002E00

 001000

 000000

 34E8A2

 34E8A2

 1DE899

 4BE8AB

 06E890

 62E8B4

 00E88E

 7AE8BD

 91E8C6

 A8E8CF

 BFE8D8

 D6E8E1

 EEE8EA

 FFE8F3

Harmonies

Analogous

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



9BDF6D



34E8A2



00EBE0

Triad

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



34E8A2



87CDFE



FFA583

Complementary

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



34E8A2



E8347A

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.



FF99BB



34E8A2



EBB5FF

Square

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



34E8A2



00DEFF



FFA0F7



FFBB5B

Rectangle

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



34E8A2



00EAFF



FFA0F7



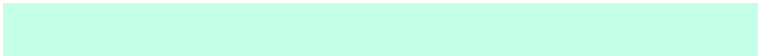
FF9F95

Sweetspot

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



34E8A2



C4FFE8



7CE834



5C8072



000000



808080

Same Dimension

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



34E8A2



12FFA3



34D6E8



67736E



00B36D



00331F

Inverse Universe

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



E8347A



FF126E



E84634



73676C



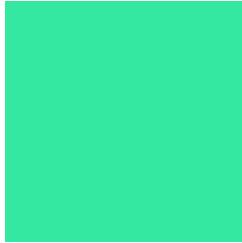
B30045



330014

Previews

White Background



This preview shows how the Hex color 34E8A2 looks on a white background.

Color Contrast Check

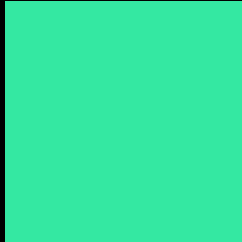
Large Text (above 18pt) WCAG AA × Fail

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 34E8A2 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 34E8A2 Background



This preview shows how black text looks on a background with the Hex color 34E8A2.

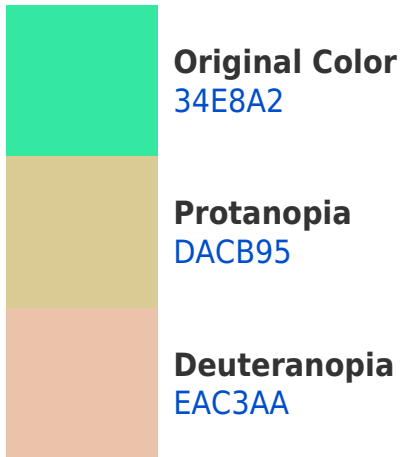


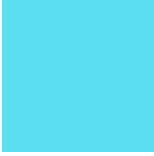
This preview shows how white text looks on a background with the Hex color 34E8A2.

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
5BDEF0

Trichromacy



Original Color
34E8A2



Protanomaly
9ED69A



Deuteranomaly
A8D0A7

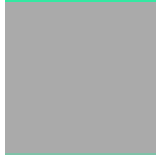


Tritanomaly
4DE2D4

Monochromacy



Original Color
34E8A2



Achromatopsia
AAAAAA



Achromatomaly
7FC1A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 34E8A2 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 #34E8A2 looks like.

```
.text, #text, p{  
    color:#34E8A2  
}
```

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 #34E8A2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E8A2
}
```

Border

The CSS property to change the border of an element to Hex 34E8A2 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
#34E8A2 }
```

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

```
.border{ border-color:#34E8A2 }
```

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

Here you see how a box with a 4 pixel #34E8A2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E8A2; -webkit-box-shadow:4px 4px  
4px 4px #34E8A2; box-shadow:4px 4px 4px  
4px #34E8A2 }
```

Background

The CSS property to change the background color of an element to Hex 34E8A2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E8A2 }
```

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

```
.background{ background-color:#34E8A2 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor