

Converting Colors

Hex(34CF8E)

Have a look what the booklet for
Hex(34CF8E) contains.

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Color

Hex(34CF8E)

Conversions

Conversions Part 1

Format	Color
Hex	34CF8E
RGB	52, 207, 142
RGB Percent	20%, 81%, 56%
CMY	0.7961, 0.1882, 0.4431
CMYK	0.75, 0.00, 0.31, 0.19
HSL	155°, 62%, 51%
HSV	155°, 75%, 81%
XYZ	28.6115, 47.3087, 33.2147
YIQ	153.2450, -71.5150, -53.0750

Conversions

Conversions Part 2

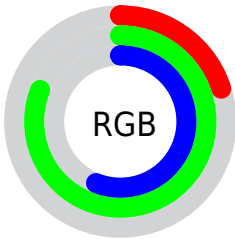
Format	Color
RYB	52, 150, 207
Decimal	3461006
CIELab	74.39, -54.50, 21.21
CIELCh	74, 58.481, 158.740
Yxy	47.3087, 0.2622, 0.4335
Android (android.graphics.Color)	4281651086 (0xFF34CF8E)
YUV	153.2450, -5.5438, -88.7919
Hunter-Lab	68.7813, -46.1153, 19.5156

Details

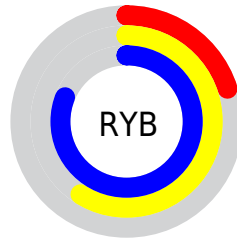
The Hex color **34CF8E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark muted spring green. A complement of this color would be **CF3475**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **79FFC4**, and **00975B** is the 20% darker color. If you saturate the color by 10%, you get **1FCF85**, and if you desaturate by 10%, it is **49CF97**.

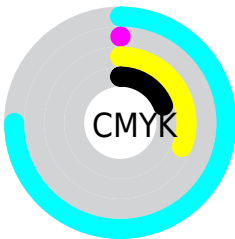
Distribution



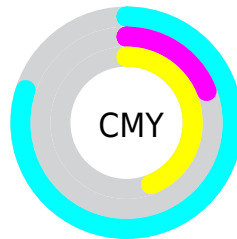
- Red (20%)
- Green (81%)
- Blue (56%)



- Red (20%)
- Yellow (59%)
- Blue (81%)



- Cyan (75%)
- Magenta (0%)
- Yellow (31%)
- Black (19%)



- Cyan (80%)
- Magenta (19%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 34CF8E 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 34CF8E by changing the saturation by 10% instead.

 34CF8E

 34CF8E

FFFFFF

 00B374

 79FFC4

 00975B

 97FFE0

 007D43

 B6FFFD

 00632D

 D4FFFF

 004917

 F2FFFF

 003200

 001800

 000000

 34CF8E

 34CF8E

 1FCF85

 49CF97

 0BCF7D

 5DCF9F

 00CF78

 72CFA8

 87CFB1

 9BCFB9

 B0CFC2

 C5CFCB

 DACFD3

 EECFDC

Harmonies

Analogous

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



8DC75F



34CF8E



00D2C6

Triad

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



34CF8E



73B7FF



FF9376

Complementary

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



34CF8E



CF3475

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.



FF88A9



34CF8E



CFA2FF

Square

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



34CF8E



00C7FF



FF8FDF



F5A651

Rectangle

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



34CF8E



00D1E9



FF8FDF



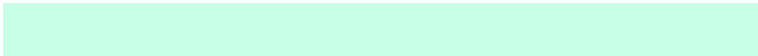
FF8D86

Sweetspot

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



34CF8E



C7FFE7



77CF34



5E8072



000000



808080

Same Dimension

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



34CF8E



19FF9F



34C5CF



5E6964



00A862



002918

Inverse Universe

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



CF3475



FF197A



CF3E34



695E62



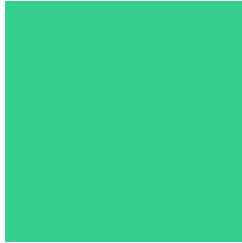
A80047



290011

Previews

White Background



This preview shows how the Hex color 34CF8E looks on a white background.

Color Contrast Check

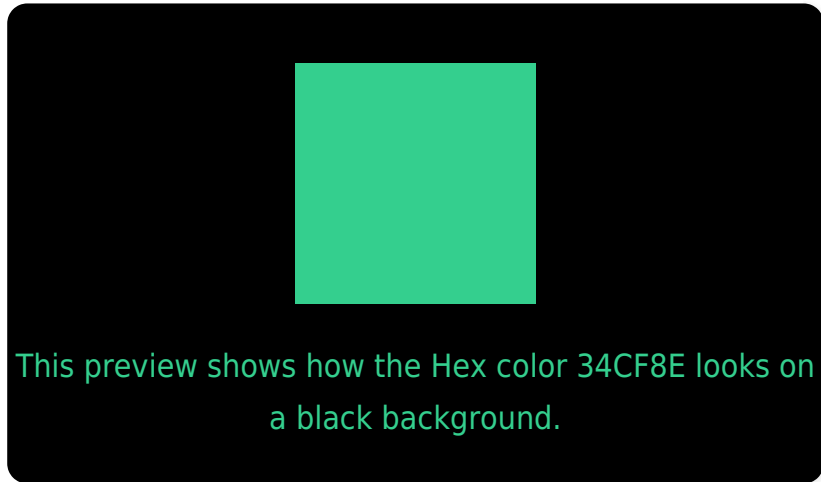
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

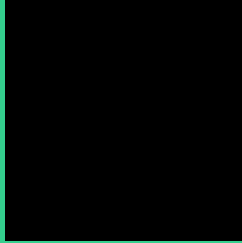
Any Text WCAG AA ✓ Pass

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 34CF8E Background



This preview shows how black text looks on a background with the Hex color 34CF8E.

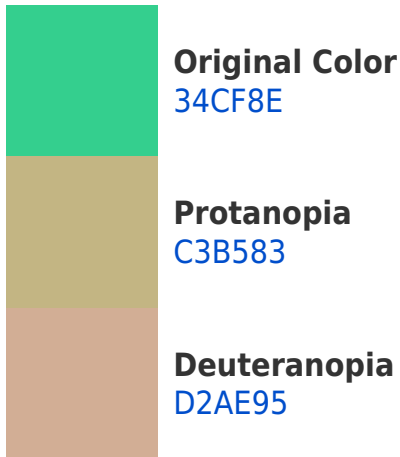


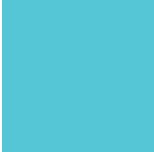
This preview shows how white text looks on a background with the Hex color 34CF8E.

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](#).

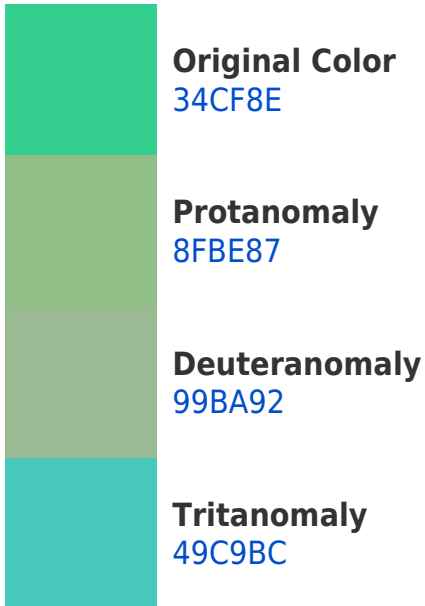
Dichromacy



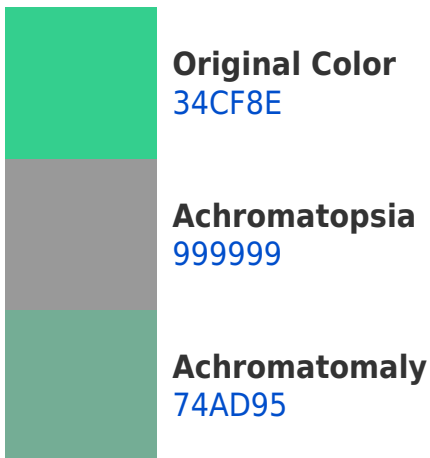


Tritanopia
55C6D6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 34CF8E 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 #34CF8E looks like.

```
.text, #text, p{  
    color:#34CF8E  
}
```

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 #34CF8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34CF8E
}
```

Border

The CSS property to change the border of an element to Hex 34CF8E 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
#34CF8E }
```

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

```
.border{ border-color:#34CF8E }
```

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

Here you see how a box with a 4 pixel #34CF8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34CF8E; -webkit-box-shadow:4px 4px  
4px 4px #34CF8E; box-shadow:4px 4px 4px  
4px #34CF8E }
```

Background

The CSS property to change the background color of an element to Hex 34CF8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34CF8E }
```

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

```
.background{ background-color:#34CF8E }
```

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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