

# Converting Colors

Hex(34FEBB)

Have a look what the booklet for  
Hex(34FE9B) contains.

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# Color

Hex(34FEBB)

# Conversions

## Conversions Part 1

Format	Color
Hex	34FEBB
RGB	52, 254, 187
RGB Percent	20%, 100%, 73%
CMY	0.7961, 0.0039, 0.2667
CMYK	0.80, 0.00, 0.26, 0.00
HSL	160°, 99%, 60%
HSV	160°, 80%, 100%
XYZ	45.8276, 75.2015, 59.1137
YIQ	185.9640, -98.8850, -63.6610

# Conversions

## Conversions Part 2

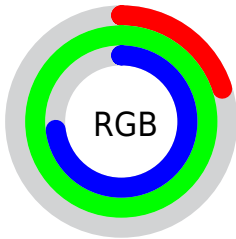
<b>Format</b>	<b>Color</b>
<b>RYB</b>	52, 173, 254
Decimal	3473083
CIELab	89.49, -62.61, 18.72
CIELCh	89, 65.352, 163.357
Yxy	75.2015, 0.2544, 0.4175
Android (android.graphics.Color)	4281663163 (0xFF34FEBB)
YUV	185.9640, 0.5107, -117.4864
Hunter-Lab	86.7188, -57.4274, 20.2869

# Details

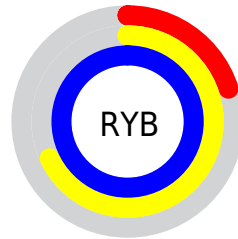
The Hex color **34FEBB** is a light color, and the websafe version is hex **00FFCC**. The color can be described as light washed spring green. A complement of this color would be **FE3477**, and the grayscale version is **BABABA**.

A 20% lighter version of the original color is **83FFF3**, and **00C486** is the 20% darker color. If you saturate the color by 10%, you get **1BFEB3**, and if you desaturate by 10%, it is **4DFEC3**.

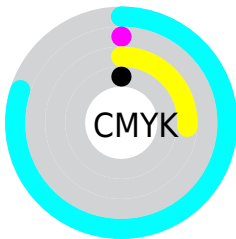
# Distribution



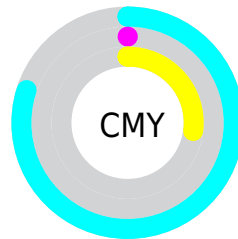
- Red (20%)
- Green (100%)
- Blue (73%)



- Red (20%)
- Yellow (68%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (26%)
- Black (0%)



- Cyan (80%)
- Magenta (0%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34FE99 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 34FE99 by changing the saturation by 10% instead.



 34FE8B

 34FE8B

FFFFFF

 00E1A0

 83FFF3

 00C486

 A4FFFF

 00A86C

 C4FFFF

 008C54

 E4FFFF

 00723C

 005826

 003F11

 002700

 000000

 34FE8B

 34FE8B

 1BFEB3

 4DFEC3

 01FEAA

 67FECC

 00FEAA

 80FED4

 9AFEDD

 B3FEE5

 CCFEEE

 E6FEF6

FFFEFE

FFFEFF

# Harmonies

## Analogous

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



A5F582



34FE8B



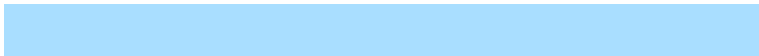
00FFC

# Triad

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



34FEBB



A9DEFF



FFBA8E

# Complementary

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



34FEBB



FE3477

# 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.



FFACC7



34FE8B



FFC5FF

# Square

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



34FEBB



00F1FF



FFB0FF



FFD167

# Rectangle

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



34FEBB



00FFFF



FFB0FF



FFB4A0

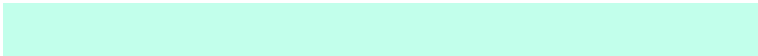


# Sweetspot

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



34FEBB



C2FFEB



77FE34



5B8073



000000



808080



# Same Dimension

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



34FEBB



0DFFAF



34DCFE



73807B



00BF80



00402B



# Inverse Universe

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



FE3477



FF0D5D



FE5634



807377



BF003F

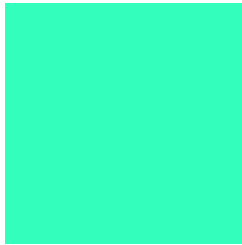


400015



# Previews

## White Background



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

## Color Contrast Check

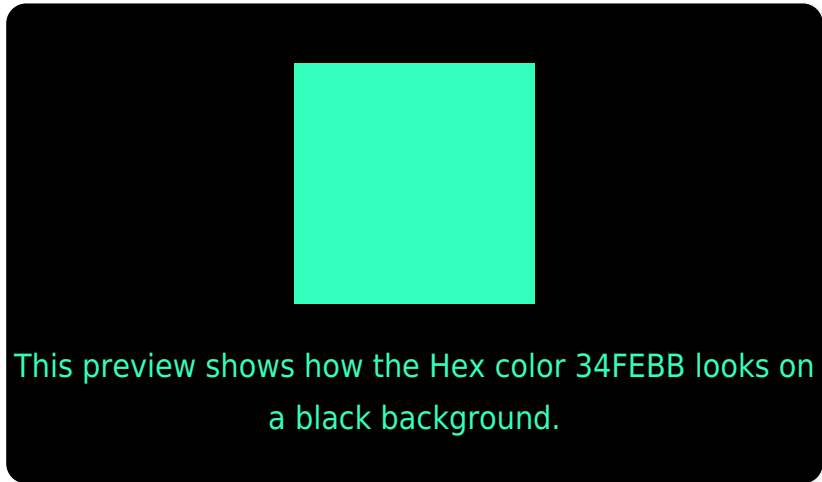
Large Text (above 18pt) WCAG AA × Fail

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

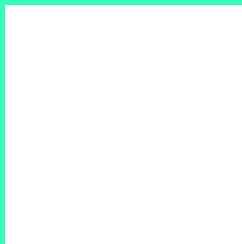
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 34FEBB Background



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

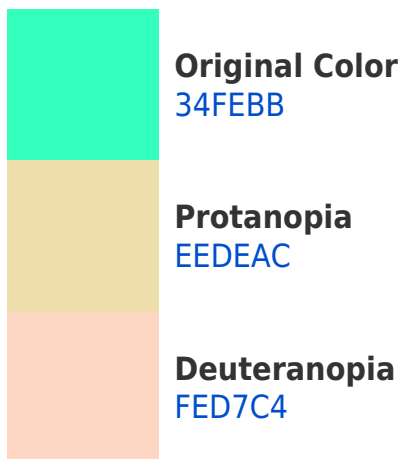


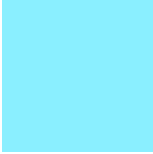
This preview shows how white text looks on a background with the Hex color 34FEBB.

# 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](#).

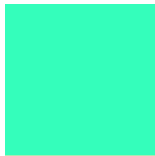
## Dichromacy





**Tritanopia**  
8AEFFF

# Trichromacy



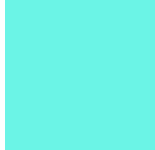
**Original Color**  
34FEBB



**Protanomaly**  
AAEAB1



**Deuteranomaly**  
B5E5C1



**Tritanomaly**  
6BF4E6

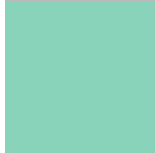
# Monochromacy



**Original Color**  
34FEBB



**Achromatopsia**  
BABABA



**Achromatomaly**  
89D3BA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34FE8B 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 #34FE8B looks like.

```
.text, #text, p{  
    color:#34FE8B  
}
```

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 #34FE99 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34FE99
}
```

## Border

The CSS property to change the border of an element to Hex 34FE99 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
#34FE99 }
```

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

```
.border{ border-color:#34FE99 }
```

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

Here you see how a box with a 4 pixel #34FE99 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34FE99; -webkit-box-shadow:4px 4px  
4px 4px #34FE99; box-shadow:4px 4px 4px  
4px #34FE99 }
```

# Background

The CSS property to change the background color of an element to Hex 34FE8B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34FE8B }
```

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

```
.background{ background-color:#34FE8B }
```

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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