

# Converting Colors

Hex(34E5B3)

Have a look what the booklet for  
Hex(34E5B3) contains.

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# **Color**

**Hex(34E5B3)**

# Conversions

## Conversions Part 1

Format	Color
Hex	34E5B3
RGB	52, 229, 179
RGB Percent	20%, 90%, 70%
CMY	0.7961, 0.1020, 0.2980
CMYK	0.77, 0.00, 0.22, 0.10
HSL	163°, 77%, 55%
HSV	163°, 77%, 90%
XYZ	37.5722, 60.0234, 52.2532
YIQ	170.3770, -89.4420, -53.0740

# Conversions

## Conversions Part 2

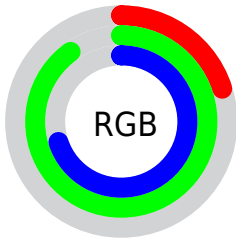
Format	Color
<a href="#">RYB</a>	<a href="#">52, 155, 229</a>
Decimal	<a href="#">3466675</a>
CIELab	<a href="#">81.85, -54.82, 12.12</a>
CIELCh	<a href="#">82, 56.141, 167.528</a>
Yxy	<a href="#">60.0234, 0.2507, 0.4006</a>
Android (android.graphics.Color)	<a href="#">4281656755 (0xFF34E5B3)</a>
YUV	<a href="#">170.3770, 4.2511, -103.8166</a>
Hunter-Lab	<a href="#">77.4747, -49.0154, 14.2439</a>

# Details

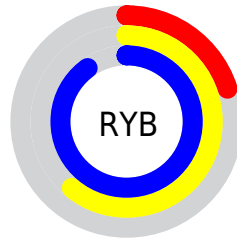
The Hex color **34E5B3** is a light color, and the websafe version is hex **00CC99**. The color can be described as light washed spring green. A complement of this color would be **E53466**, and the grayscale version is **AAAAAA**.

A 20% lighter version of the original color is **7EFFEB**, and **00AC7E** is the 20% darker color. If you saturate the color by 10%, you get **1DE5AD**, and if you desaturate by 10%, it is **4BE5B9**.

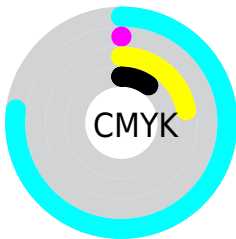
# Distribution



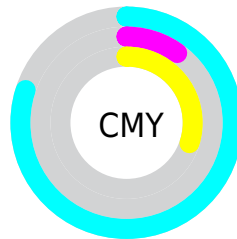
- Red (20%)
- Green (90%)
- Blue (70%)



- Red (20%)
- Yellow (61%)
- Blue (90%)



- Cyan (77%)
- Magenta (0%)
- Yellow (22%)
- Black (10%)



- Cyan (80%)
- Magenta (10%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 34E5B3 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 34E5B3 by changing the saturation by 10% instead.



 34E5B3

FFFFFF

 7EFFEB

 9EFFFF

 BDFFFF

 DCFFFF

 FBFFFF

 34E5B3

 00C898

 00AC7E

 009165


 00764D

 005C36

 004321

 002D0B

 000C00

 000000

 34E5B3

 34E5B3

 1DE5AD

 4BE5B9

 06E5A6

 62E5C0

 00E5A4

 79E5C6

 90E5CD

 A7E5D3

 BDE5DA

 D4E5E0

 EBE5E7

 FFE5ED

# Harmonies

## Analogous

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



91DE82



34E5B3



00E6E9

# Triad

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



34E5B3



ACC6FF



FFAE80

# Complementary

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



34E5B3



E53466

# 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.



FFA1AF



34E5B3



F7B2FF

# Square

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



34E5B3



1ED7FF



FFA2E4



FEC163

# Rectangle

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



34E5B3



00E4FF



FFA2E4



FFA88E

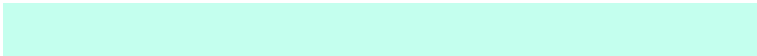


# Sweetspot

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



34E5B3



C4FFEE



66E534



5C8075



000000



808080



# Same Dimension

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



34E5B3



12FFBC



34BFE5



677370



00B380



003325



# Inverse Universe

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



E53466



FF1255



E55A34



73676B



B30032

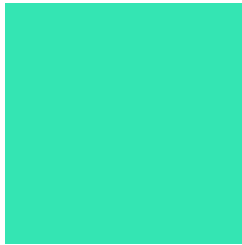


33000E



# Previews

## White Background



This preview shows how the Hex color 34E5B3 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 34E5B3 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

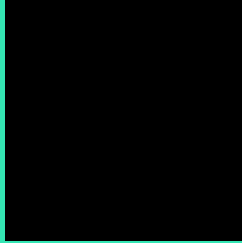
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 34E5B3 Background



This preview shows how black text looks on a background with the Hex color 34E5B3.

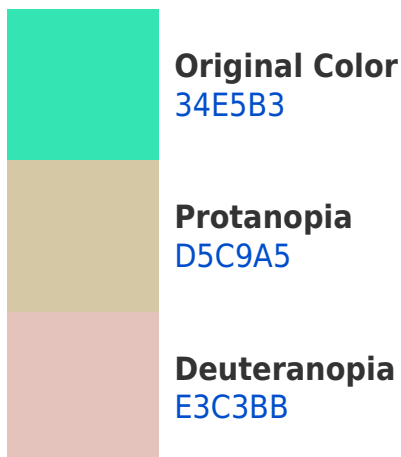


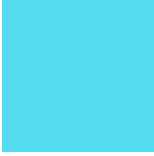
This preview shows how white text looks on a background with the Hex color 34E5B3.

# 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**  
55DDEF

# Trichromacy



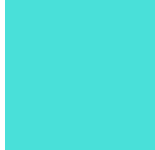
**Original Color**  
34E5B3



**Protanomaly**  
9AD3AA



**Deuteranomaly**  
A3CFB8

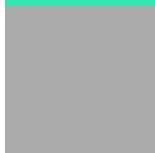


**Tritanomaly**  
49E0D9

# Monochromacy



**Original Color**  
34E5B3



**Achromatopsia**  
AAAAAA



**Achromatomaly**  
7FBFAD

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 34E5B3 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 #34E5B3 looks like.

```
.text, #text, p{  
    color:#34E5B3  
}
```

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 #34E5B3 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #34E5B3
}
```

## Border

The CSS property to change the border of an element to Hex 34E5B3 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
#34E5B3 }
```

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

```
.border{ border-color:#34E5B3 }
```

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

Here you see how a box with a 4 pixel #34E5B3 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #34E5B3; -webkit-box-shadow:4px 4px  
4px 4px #34E5B3; box-shadow:4px 4px 4px  
4px #34E5B3 }
```

# Background

The CSS property to change the background color of an element to Hex 34E5B3 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#34E5B3 }
```

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

```
.background{ background-color:#34E5B3 }
```

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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