

Converting Colors

Hex(3BEB9C)

Have a look what the booklet for
Hex(3BEB9C) contains.

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Color

Hex(3BEB9C)

Conversions

Conversions Part 1

Format	Color
Hex	3BEB9C
RGB	59, 235, 156
RGB Percent	23%, 92%, 61%
CMY	0.7686, 0.0784, 0.3882
CMYK	0.75, 0.00, 0.34, 0.08
HSL	153°, 81%, 58%
HSV	153°, 75%, 92%
XYZ	37.5127, 62.7468, 41.5867
YIQ	173.3700, -79.5370, -61.8810

Conversions

Conversions Part 2

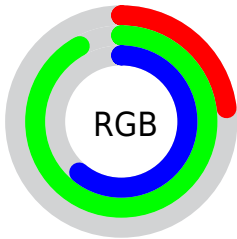
Format	Color
RYB	59, 172, 235
Decimal	3926940
CIELab	83.31, -61.29, 26.11
CIELCh	83, 66.625, 156.925
Yxy	62.7468, 0.2645, 0.4424
Android (android.graphics.Color)	4282117020 (0xFF3BEB9C)
YUV	173.3700, -8.5634, -100.3025
Hunter-Lab	79.2129, -54.0905, 24.3218

Details

The Hex color **3BEB9C** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **EB3B8A**, and the grayscale version is **AEAEAE**.

A 20% lighter version of the original color is **82FFD3**, and **00B268** is the 20% darker color. If you saturate the color by 10%, you get **23EB91**, and if you desaturate by 10%, it is **52EBA7**.

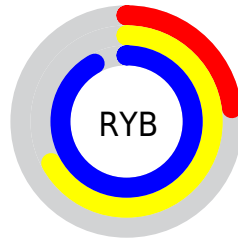
Distribution



Red (23%)

Green (92%)

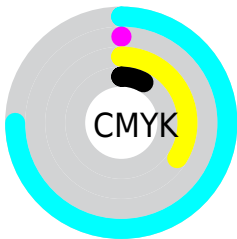
Blue (61%)



Red (23%)

Yellow (67%)

Blue (92%)

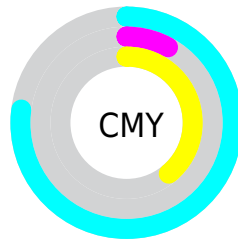


Cyan (75%)

Magenta (0%)

Yellow (34%)

Black (8%)



Cyan (77%)

Magenta (8%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BEB9C 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 3BEB9C by changing the saturation by 10% instead.

 3BEB9C

 3BEB9C


FFFFFF

 00CE82

 82FFD3

 00B268

 A2FFEF

 009650

 C1FFFF

 007B38

 E0FFFF

 006121

 00480A

 003100

 001400

 000000

 3BEB9C

 3BEB9C

 23EB91

 52EBA7

 0CEB87

 6AEBB1

 00EB82

 82EBBC

 99EBC6

 B1EBD1

 C8EBDB

 DFEBE6

 F7EBF0

 FFEFBF

Harmonies

Analogous

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



A2E166



3BEB9C



00EFDD

Triad

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



3BEB9C



73D2FF



FFA387

Complementary

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



3BEB9C



EB3B8A

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.



FF98C3



3BEB9C



E6B9FF

Square

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



3BEB9C



00E3FF



FFA1FF



FFBB5A

Rectangle

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



3BEB9C



00EEFF



FFA1FF



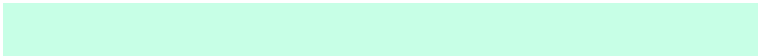
FF9D9A

Sweetspot

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



3BEB9C



C7FFE6



8AEB3B



5E8071



000000



808080

Same Dimension

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



3BEB9C



19FF98



3BE2EB



6A7570



00B564



00361E

Inverse Universe

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



EB3B8A



FF1981



EB443B



756A6F



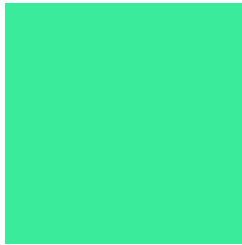
B50051



360018

Previews

White Background



This preview shows how the Hex color 3BEB9C 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

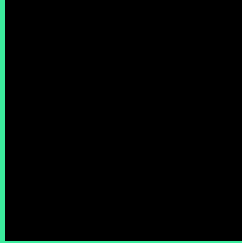
Any Text WCAG AA ✓ Pass

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 3BEB9C Background



This preview shows how black text looks on a background with the Hex color 3BEB9C.

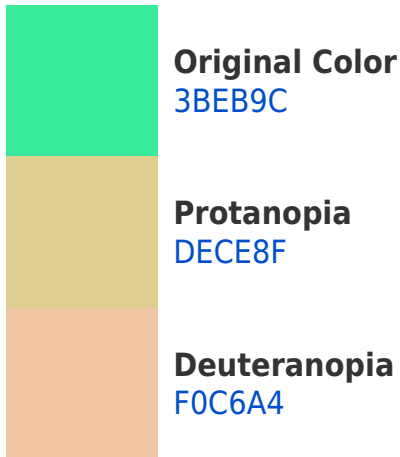


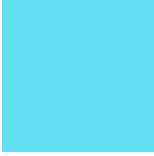
This preview shows how white text looks on a background with the Hex color 3BEB9C.

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
62E0F2

Trichromacy



Original Color
3BEB9C



Protanomaly
A3D994



Deuteranomaly
AED3A1

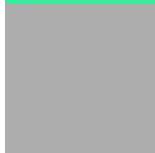


Tritanomaly
54E4D3

Monochromacy



Original Color
3BEB9C



Achromatopsia
ADADAD



Achromatomaly
84C4A7

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BEB9C 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 #3BEB9C looks like.

```
.text, #text, p{  
    color:#3BEB9C  
}
```

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 #3BEB9C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BEB9C
}
```

Border

The CSS property to change the border of an element to Hex 3BEB9C 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
#3BEB9C }
```

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

```
.border{ border-color:#3BEB9C }
```

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

Here you see how a box with a 4 pixel #3BEB9C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BEB9C; -webkit-box-shadow:4px 4px  
4px 4px #3BEB9C; box-shadow:4px 4px 4px  
4px #3BEB9C }
```

Background

The CSS property to change the background color of an element to Hex 3BEB9C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BEB9C }
```

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

```
.background{ background-color:#3BEB9C }
```

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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