

Converting Colors

Hex(3BE68A)

Have a look what the booklet for
Hex(3BE68A) contains.

Hex(3BE68A)	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(3BE68A)

Conversions

Conversions Part 1

Format	Color
Hex	3BE68A
RGB	59, 230, 138
RGB Percent	23%, 90%, 54%
CMY	0.7686, 0.0980, 0.4588
CMYK	0.74, 0.00, 0.40, 0.10
HSL	148°, 77%, 57%
HSV	148°, 74%, 90%
XYZ	34.6879, 59.3584, 33.6738
YIQ	168.3830, -72.3840, -64.8640

Conversions

Conversions Part 2

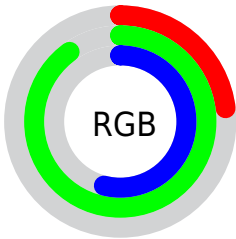
Format	Color
RYB	59, 176, 230
Decimal	3925642
CIELab	81.49, -62.89, 32.83
CIElCh	81, 70.948, 152.434
Yxy	59.3584, 0.2716, 0.4648
Android (android.graphics.Color)	4282115722 (0xFF3BE68A)
YUV	168.3830, -14.9788, -95.9289
Hunter-Lab	77.0444, -54.4612, 28.0172

Details

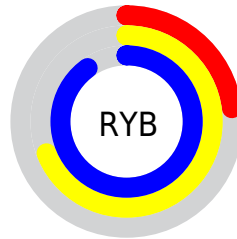
The Hex color **3BE68A** is a dark color, and the websafe version is hex **66FF99**. The color can be described as middle washed spring green. A complement of this color would be **E63B97**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **81FFC0**, and **00AD57** is the 20% darker color. If you saturate the color by 10%, you get **24E67E**, and if you desaturate by 10%, it is **52E696**.

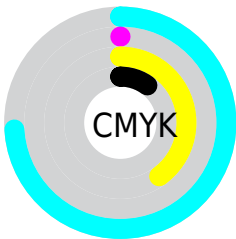
Distribution



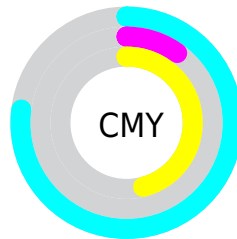
- Red (23%)
- Green (90%)
- Blue (54%)



- Red (23%)
- Yellow (69%)
- Blue (90%)



- Cyan (74%)
- Magenta (0%)
- Yellow (40%)
- Black (10%)



- Cyan (77%)
- Magenta (10%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BE68A 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 3BE68A by changing the saturation by 10% instead.

 3BE68A

 3BE68A

FFFFFF

 00C970

 81FFC0

 00AD57

 A1FFDC

 00923E

 C0FFF9

 007726

 DFFFFFF

 005D0D

FEFFFF

 004300

 002C00

 000A00

 000000

 3BE68A

 3BE68A

 24E67E

 52E696

 0DE671

 69E6A3

 00E66A

 80E6AF

 97E6BB

 AEE6C8

 C5E6D4

 DCE6E1

 F3E6ED

 FFE6F9

Harmonies

Analogous

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



A5DB52



3BE68A



00EBCE

Triad

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



3BE68A



30D0FF



FF9787

Complementary

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



3BE68A



E63B97

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.



FF8DC8



3BE68A



D4B7FF

Square

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



3BE68A



00E1FF



FF9BFF



FFB053

Rectangle

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



3BE68A



00EBFB



FF9BFF



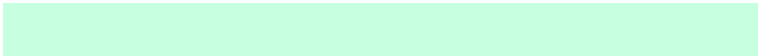
FF919C

Sweetspot

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



3BE68A



C7FFE1



99E63B



5E806E



000000



808080

Same Dimension

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



3BE68A



1CFF85



3BE6DD



67736D



00B352



003318

Inverse Universe

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



E63B97



FF1C96



E63B44



73676D



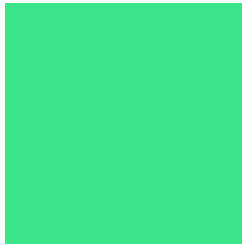
B30060



33001B

Previews

White Background



This preview shows how the Hex color 3BE68A 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 3BE68A looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

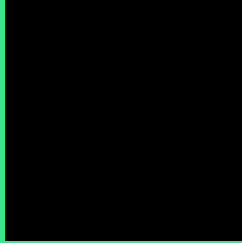
Any Text WCAG AA ✓ Pass

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 3BE68A Background



This preview shows how black text looks on a background with the Hex color 3BE68A.

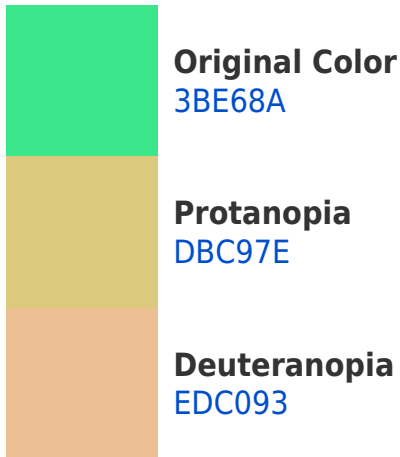


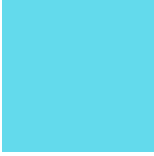
This preview shows how white text looks on a background with the Hex color 3BE68A.

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
63DAEC

Trichromacy



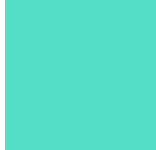
Original Color
3BE68A



Protanomaly
A1D482



Deuteranomaly
ACCE90

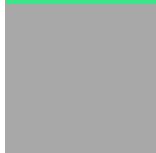


Tritanomaly
54DEC8

Monochromacy



Original Color
3BE68A



Achromatopsia
A8A8A8



Achromatomaly
80BF9D

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BE68A 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 #3BE68A looks like.

```
.text, #text, p{  
    color:#3BE68A  
}
```

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 #3BE68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BE68A
}
```

Border

The CSS property to change the border of an element to Hex 3BE68A 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
#3BE68A }
```

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

```
.border{ border-color:#3BE68A }
```

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

Here you see how a box with a 4 pixel #3BE68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BE68A; -webkit-box-shadow:4px 4px  
4px 4px #3BE68A; box-shadow:4px 4px 4px  
4px #3BE68A }
```

Background

The CSS property to change the background color of an element to Hex 3BE68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BE68A }
```

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

```
.background{ background-color:#3BE68A }
```

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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