

# Converting Colors

Hex(3BF7A7)

Have a look what the booklet for  
Hex(3BF7A7) contains.

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# Color

**Hex(3BF7A7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3BF7A7
RGB	59, 247, 167
RGB Percent	23%, 97%, 65%
CMY	0.7686, 0.0314, 0.3451
CMYK	0.76, 0.00, 0.32, 0.03
HSL	154°, 92%, 60%
HSV	154°, 76%, 97%
XYZ	42.0394, 70.2414, 47.9014
YIQ	181.6680, -86.3680, -64.7360

# Conversions

## Conversions Part 2

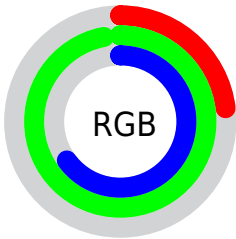
Format	Color
<a href="#">RYB</a>	<a href="#">59, 178, 247</a>
Decimal	<a href="#">3930023</a>
CIELab	<a href="#">87.12, -63.50, 25.67</a>
CIELCh	<a href="#">87, 68.498, 157.987</a>
Yxy	<a href="#">70.2414, 0.2624, 0.4385</a>
Android (android.graphics.Color)	<a href="#">4282120103 (0xFF3BF7A7)</a>
YUV	<a href="#">181.6680, -7.2313, -107.5798</a>
Hunter-Lab	<a href="#">83.8101, -57.1315, 24.7800</a>

# Details

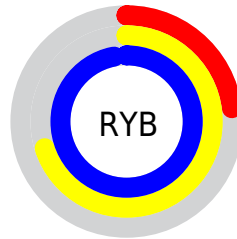
The Hex color **3BF7A7** is a light color, and the websafe version is hex **66FF99**. The color can be described as light washed spring green. A complement of this color would be **F73B8B**, and the grayscale version is **B6B6B6**.

A 20% lighter version of the original color is **85FFDE**, and **00BD73** is the 20% darker color. If you saturate the color by 10%, you get **22F79C**, and if you desaturate by 10%, it is **54F7B2**.

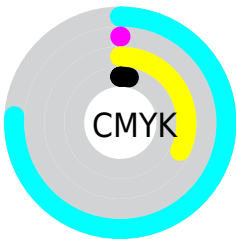
# Distribution



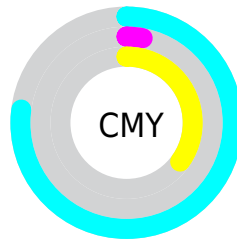
- Red (23%)
- Green (97%)
- Blue (65%)



- Red (23%)
- Yellow (70%)
- Blue (97%)



- Cyan (76%)
- Magenta (0%)
- Yellow (32%)
- Black (3%)



- Cyan (77%)
- Magenta (3%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BF7A7 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 3BF7A7 by changing the saturation by 10% instead.



 3BF7A7

 3BF7A7

FFFFFF

 00DA8C

 85FFDE

 00BD73

 A5FFFB

 00A15A

 C5FFFF

 008642

 E4FFFF

 006B2A

 005214

 003900

 002000

 000000

 3BF7A7

 3BF7A7

 22F79C

 54F7B2

 0AF792

 6CF7BC

 00F78E

 85F7C7

 9EF7D1

 B6F7DC

 CFF7E6

 E8F7F1

 FFF7FB

 FFF7FF

# Harmonies

## Analogous

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



A9ED6E



3BF7A7



00FBEA

# Triad

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



3BF7A7



81DBFF



FFAD8D

# Complementary

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



3BF7A7



F73B8B

# 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.



FFA1CB



3BF7A7



F5C2FF

# Square

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



3BF7A7



00EEFF



FFAAFF



FFC55F

# Rectangle

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



3BF7A7



00FAFF



FFAAFF



FFA7A1

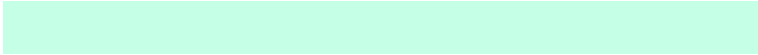


# Sweetspot

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



3BF7A7



C4FFE6



8CF73B



5C8070



000000



808080



# Same Dimension

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



3BF7A7



17FF9C



3BEAF7



6E7A75



00BA6B



003B22



# Inverse Universe

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



F73B8B



FF177A



F7483B



7A6E73



BA004F

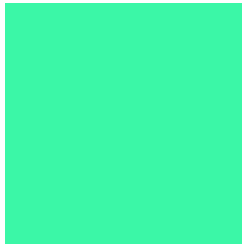


3B0019



# Previews

## White Background



This preview shows how the Hex color 3BF7A7 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 3BF7A7 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

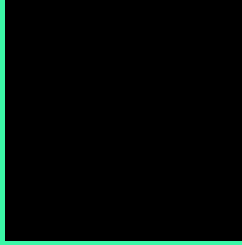
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BF7A7 Background



This preview shows how black text looks on a background with the Hex color 3BF7A7.



This preview shows how white text looks on a background with the Hex color 3BF7A7.

# 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**  
65ECFF

# Trichromacy



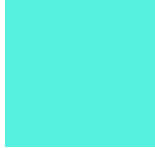
**Original Color**  
3BF7A7



**Protanomaly**  
AAE39E



**Deuteranomaly**  
B5DEAD



**Tritanomaly**  
56F0DF

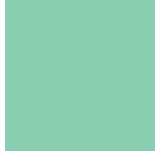
# Monochromacy



**Original Color**  
3BF7A7



**Achromatopsia**  
B6B6B6



**Achromatomaly**  
89CEB1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BF7A7 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 #3BF7A7 looks like.

```
.text, #text, p{  
    color:#3BF7A7  
}
```

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 #3BF7A7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF7A7
}
```

## Border

The CSS property to change the border of an element to Hex 3BF7A7 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
#3BF7A7 }
```

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

```
.border{ border-color:#3BF7A7 }
```

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

Here you see how a box with a 4 pixel #3BF7A7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF7A7; -webkit-box-shadow:4px 4px  
4px 4px #3BF7A7; box-shadow:4px 4px 4px  
4px #3BF7A7 }
```

# Background

The CSS property to change the background color of an element to Hex 3BF7A7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF7A7 }
```

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

```
.background{ background-color:#3BF7A7 }
```

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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