

Converting Colors

Hex(3BF77D)

Have a look what the booklet for
Hex(3BF77D) contains.

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Color

Hex(3BF77D)

Conversions

Conversions Part 1

Format	Color
Hex	3BF77D
RGB	59, 247, 125
RGB Percent	23%, 97%, 49%
CMY	0.7686, 0.0314, 0.5098
CMYK	0.76, 0.00, 0.49, 0.03
HSL	141°, 92%, 60%
HSV	141°, 76%, 97%
XYZ	38.7661, 68.9320, 30.6641
YIQ	176.8800, -72.8860, -77.7980

Conversions

Conversions Part 2

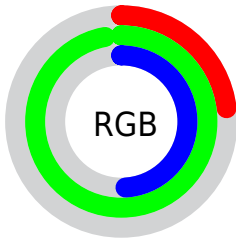
Format	Color
RYB	59, 198, 247
Decimal	3929981
CIELab	86.47, -70.88, 45.58
CIELCh	86, 84.271, 147.258
Yxy	68.9320, 0.2802, 0.4982
Android (android.graphics.Color)	4282120061 (0xFF3BF77D)
YUV	176.8800, -25.5768, -103.3808
Hunter-Lab	83.0253, -61.9493, 36.2199

Details

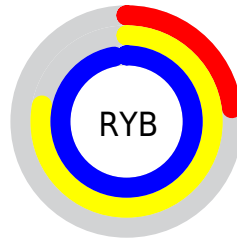
The Hex color **3BF77D** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle washed spring green. A complement of this color would be **F73BB5**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **85FFB3**, and **00BD49** is the 20% darker color. If you saturate the color by 10%, you get **22F76D**, and if you desaturate by 10%, it is **54F78D**.

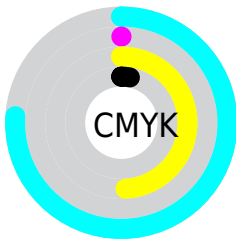
Distribution



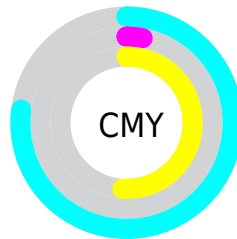
- Red (23%)
- Green (97%)
- Blue (49%)



- Red (23%)
- Yellow (78%)
- Blue (97%)



- Cyan (76%)
- Magenta (0%)
- Yellow (49%)
- Black (3%)



- Cyan (77%)
- Magenta (3%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 3BF77D 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 3BF77D by changing the saturation by 10% instead.

 3BF77D

 3BF77D

FFFFFF

 00DA63

 85FFB3

 00BD49

 A5FFD0

 00A12F

 C5FFEC

 008612

 E4FFFF

 006B00

 005100

 003900

 001F00

 000000

 3BF77D

 3BF77D

 22F76D

 54F78D

 0AF75D

 6CF79D

 00F757

 85F7AD

 9EF7BD

 B6F7CD

 CFF7DD

 E8F7ED

 FFF7FD

 FFF7FF

Harmonies

Analogous

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



B9E937



3BF77D



00FDCE

Triad

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



3BF77D



00E4FF



FF9394

Complementary

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



3BF77D



F73BB5

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.



FF8AE3



3BF77D



CAC6FF

Square

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



3BF77D



00F6FF



FFA2FF



FFB24F

Rectangle

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



3BF77D



00FEFF



FFA2FF



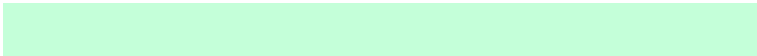
FF8CAE

Sweetspot

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



3BF77D



C4FFD9



B5F73B



5C8068



000000



808080

Same Dimension

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



3BF77D



17FF68



3BF7DB



6E7A72



00BA41



003B15

Inverse Universe

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



F73BB5



FF17AE



F73B57



7A6E76



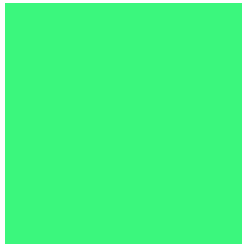
BA0079



3B0026

Previews

White Background



This preview shows how the Hex color 3BF77D 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 3BF77D 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 3BF77D Background



This preview shows how black text looks on a background with the Hex color 3BF77D.

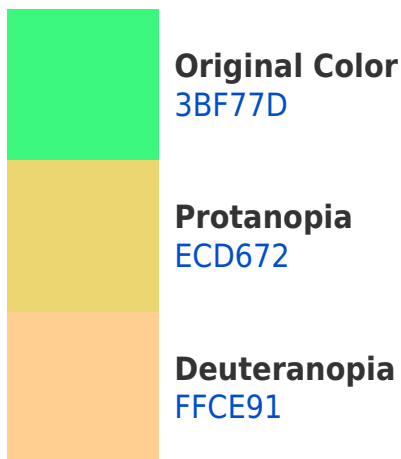


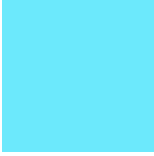
This preview shows how white text looks on a background with the Hex color 3BF77D.

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](#).

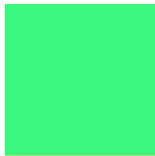
Dichromacy





Tritanopia
6CE9FC

Trichromacy



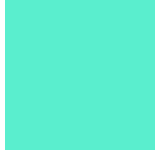
Original Color
3BF77D



Protanomaly
ACE276



Deuteranomaly
B8DD8A

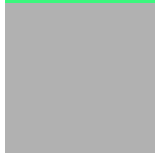


Tritanomaly
5AEECE

Monochromacy



Original Color
3BF77D



Achromatopsia
B1B1B1



Achromatomaly
86CA9E

CSS Examples

Text

The CSS property to change the color of the text to Hex 3BF77D 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 #3BF77D looks like.

```
.text, #text, p{  
    color:#3BF77D  
}
```

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 #3BF77D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BF77D
}
```

Border

The CSS property to change the border of an element to Hex 3BF77D 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
#3BF77D }
```

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

```
.border{ border-color:#3BF77D }
```

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

Here you see how a box with a 4 pixel #3BF77D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BF77D; -webkit-box-shadow:4px 4px  
4px 4px #3BF77D; box-shadow:4px 4px 4px  
4px #3BF77D }
```

Background

The CSS property to change the background color of an element to Hex 3BF77D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BF77D }
```

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

```
.background{ background-color:#3BF77D }
```

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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