

# Converting Colors

Hex(3BBF6E)

Have a look what the booklet for  
Hex(3BBF6E) contains.

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# Color

Hex(3BBF6E)

# Conversions

## Conversions Part 1

Format	Color
Hex	3BBF6E
RGB	59, 191, 110
RGB Percent	23%, 75%, 43%
CMY	0.7686, 0.2510, 0.5686
CMYK	0.69, 0.00, 0.42, 0.25
HSL	143°, 53%, 49%
HSV	143°, 69%, 75%
XYZ	23.2489, 39.3172, 21.1155
YIQ	142.2980, -52.6710, -53.1750

# Conversions

## Conversions Part 2

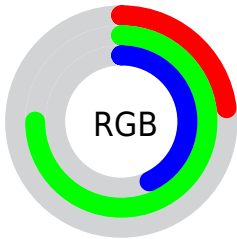
Format	Color
<a href="#">RYB</a>	<a href="#">59, 154, 191</a>
Decimal	<a href="#">3915630</a>
CIELab	<a href="#">68.98, -53.60, 30.75</a>
CIElCh	<a href="#">69, 61.793, 150.154</a>
Yxy	<a href="#">39.3172, 0.2778, 0.4698</a>
Android (android.graphics.Color)	<a href="#">4282105710 (0xFF3BBF6E)</a>
YUV	<a href="#">142.2980, -15.9229, -73.0523</a>
Hunter-Lab	<a href="#">62.7034, -43.5475, 23.9264</a>

# Details

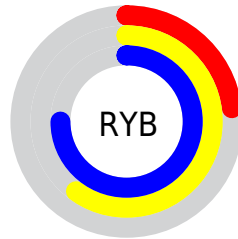
The Hex color **3BBF6E** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF3B8C**, and the grayscale version is **8E8E8E**.

A 20% lighter version of the original color is **7AF8A2**, and **00883D** is the 20% darker color. If you saturate the color by 10%, you get **28BF62**, and if you desaturate by 10%, it is **4EBF7A**.

# Distribution



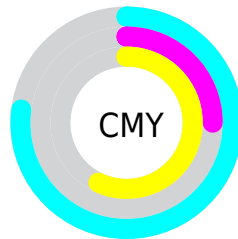
- Red (23%)
- Green (75%)
- Blue (43%)



- Red (23%)
- Yellow (60%)
- Blue (75%)



- Cyan (69%)
- Magenta (0%)
- Yellow (42%)
- Black (25%)



- Cyan (77%)
- Magenta (25%)
- Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BBF6E 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 3BBF6E by changing the saturation by 10% instead.





3BBF6E



3BBF6E

FFFFFF



09A355



7AF8A2



00883D



98FFBE



006E25



B5FFDA



00540D



D3FFF7



003C00



F1FFFF



002500



000000



3BBF6E



3BBF6E



28BF62



4EBF7A

 15BF57

 61BF85

 02BF4B

 74BF91

 00BF4A

 87BF9D

 9BBFA9

 AEBFB4

 C1BFC0

 D4BFCC

 E7BFD7

# Harmonies

## Analogous

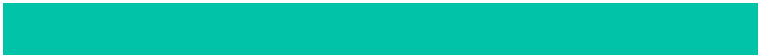
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



8EB540



3BBF6E



00C3A7

# Triad

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



3BBF6E



00AFFF



FF7C73

# Complementary

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



3BBF6E



BF3B8C

# 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.



FF75AA



3BBF6E



A999FF

# Square

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



3BBF6E



00BCFF



EC82E1



F19046

# Rectangle

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



3BBF6E



00C3CD



EC82E1



FF7785

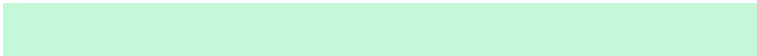


# Sweetspot

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



3BBF6E



C3F7D7



8CBF3B



5E7D6A



FCFCFC



7D7D7D



# Same Dimension

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



3BBF6E



2AF779



3BBFB0



555E59



009E3D



001F0C



# Inverse Universe

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



BF3B8C



F72AA8



BF3B4A



5E555B



9E0061



1F0013



# Previews

## White Background



This preview shows how the Hex color 3BBF6E looks on a white background.

## Color Contrast Check

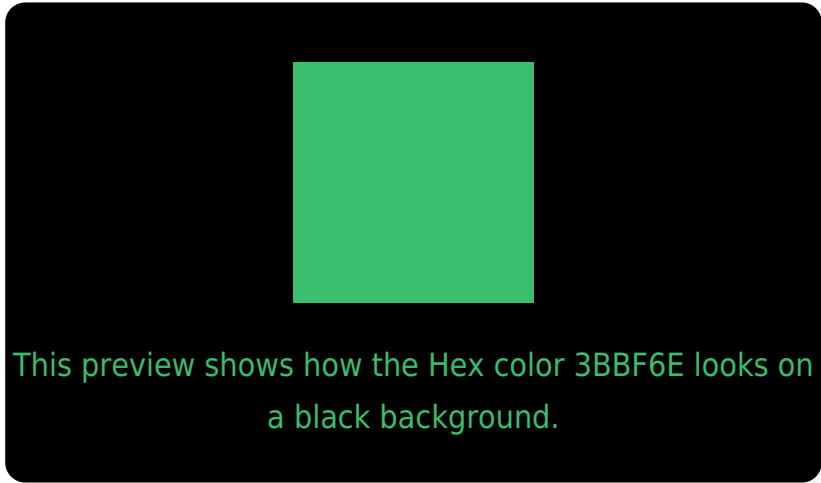
Large Text (above 18pt) WCAG AA × Fail

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 3BBF6E Background



This preview shows how black text looks on a background with the Hex color 3BBF6E.

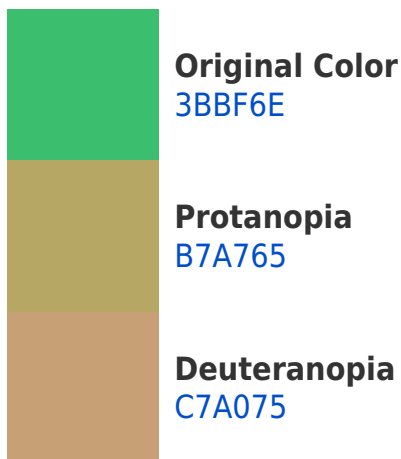


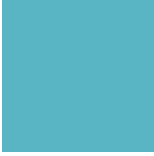
This preview shows how white text looks on a background with the Hex color 3BBF6E.

# 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](#).

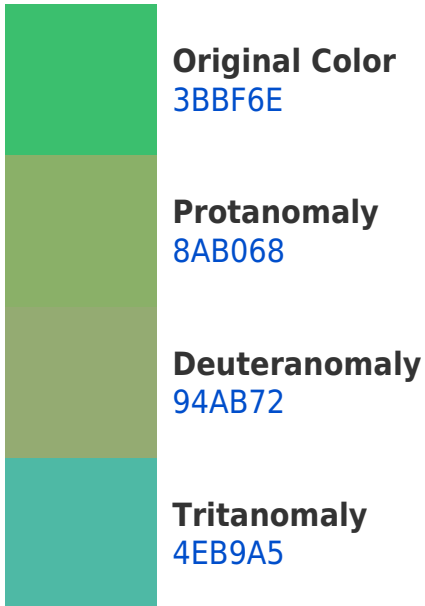
## Dichromacy





**Tritanopia**  
59B5C4

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BBF6E 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 #3BBF6E looks like.

```
.text, #text, p{  
    color:#3BBF6E  
}
```

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 #3BBF6E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BBF6E
}
```

## Border

The CSS property to change the border of an element to Hex 3BBF6E 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
#3BBF6E }
```

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

```
.border{ border-color:#3BBF6E }
```

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

Here you see how a box with a 4 pixel #3BBF6E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BBF6E; -webkit-box-shadow:4px 4px  
4px 4px #3BBF6E; box-shadow:4px 4px 4px  
4px #3BBF6E }
```

# Background

The CSS property to change the background color of an element to Hex 3BBF6E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BBF6E }
```

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

```
.background{ background-color:#3BBF6E }
```

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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