

# Converting Colors

Hex(3BCF6A)

Have a look what the booklet for  
Hex(3BCF6A) contains.

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# Color

**Hex(3BCF6A)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 3BCF6A                       |
| RGB         | 59, 207, 106                 |
| RGB Percent | 23%, 81%, 42%                |
| CMY         | 0.7686, 0.1882, 0.5843       |
| CMYK        | 0.71, 0.00, 0.49, 0.19       |
| HSL         | 139°, 61%, 52%               |
| HSV         | 139°, 71%, 81%               |
| XYZ         | 26.7180, 46.5961, 21.2214    |
| YIQ         | 151.2340, -55.7870, -62.7870 |

# Conversions

## Conversions Part 2

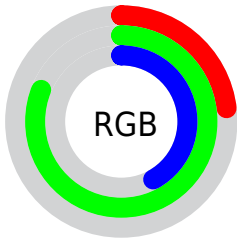
| Format                              | Color  |
|-------------------------------------|--|
| <a href="#">RYB</a>                 | <a href="#">59, 171, 207</a>                     |
| Decimal                             | <a href="#">3919722</a>                          |
| CIELab                              | <a href="#">73.93, -60.10, 39.09</a>             |
| CIELCh                              | <a href="#">74, 71.694, 146.955</a>              |
| Yxy                                 | <a href="#">46.5961, 0.2826,<br/>0.4929</a>      |
| Android<br>(android.graphics.Color) | <a href="#">4282109802<br/>(0xFF3BCF6A)</a>      |
| YUV                                 | <a href="#">151.2340, -22.3004,<br/>-80.8892</a> |
| Hunter-Lab                          | <a href="#">68.2613, -49.5911,<br/>29.3505</a>   |

# Details

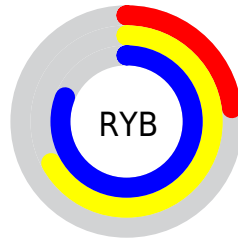
The Hex color **3BCF6A** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **CF3BA0**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **7DFF9F**, and **009738** is the 20% darker color. If you saturate the color by 10%, you get **26CF5C**, and if you desaturate by 10%, it is **50CF78**.

# Distribution



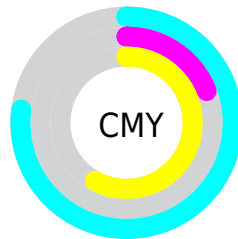
- Red (23%)
- Green (81%)
- Blue (42%)



- Red (23%)
- Yellow (67%)
- Blue (81%)



- Cyan (71%)
- Magenta (0%)
- Yellow (49%)
- Black (19%)



- Cyan (77%)
- Magenta (19%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3BCF6A 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 3BCF6A by changing the saturation by 10% instead.



 3BCF6A

 3BCF6A

FFFFFF

 00B351


 7DFF9F

 009738

 9CFFBA

 007C1E

 BAFFD7

 006201

 D8FFF3

 004900

 F7FFFF

 003200

 001600

 000000

 3BCF6A

 3BCF6A

 26CF5C

 50CF78

 12CF4E

 64CF86

 00CF42

 79CF94

 8ECFA3

 A3CFB1

 B7CFBF

 CCCFCD

 E1CFDB

 F5CFE9

# Harmonies

## Analogous

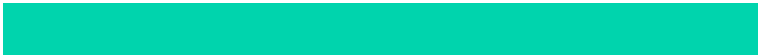
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



9DC333



3BCF6A



00D4AD

# Triad

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



3BCF6A



00BFFF



FF7D7E

# Complementary

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



3BCF6A



CF3BA0

# 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.



FF77BF



3BCF6A



A9A7FF

# Square

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



3BCF6A



00CEFF



FF8AFF



FF9646

# Rectangle

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



3BCF6A



00D5DA



FF8AFF



FF7893

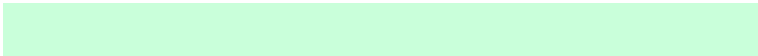


# Sweetspot

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



3BCF6A



C9FFDA



A0CF3B



60806A



000000



808080



# Same Dimension

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



3BCF6A



24FF69



3BCFB4



5E6961



00A835



00290D



# Inverse Universe

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



CF3BA0



FF24B9



CF3B56



695E65



A80073



29001C



# Previews

## White Background



This preview shows how the Hex color 3BCF6A looks on a white background.

## Color Contrast Check

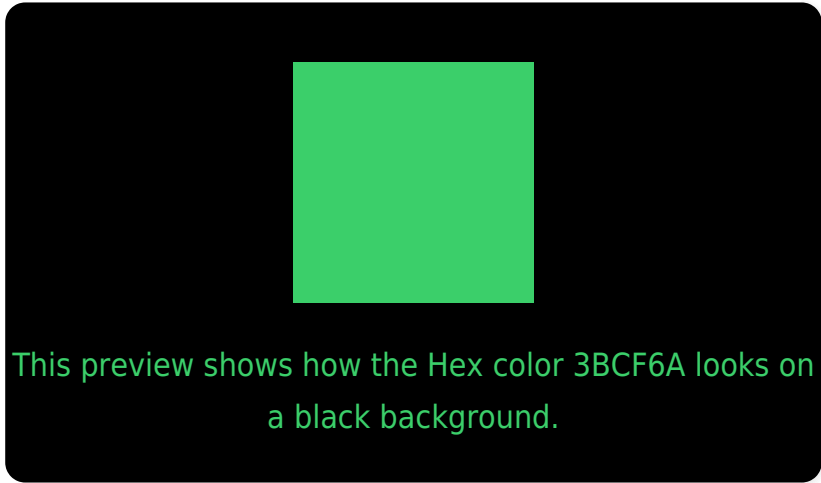
Large Text (above 18pt) WCAG AA × Fail

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

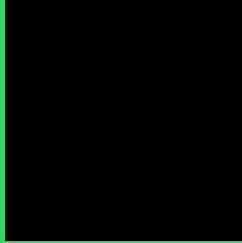
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 3BCF6A Background



This preview shows how black text looks on a background with the Hex color 3BCF6A.

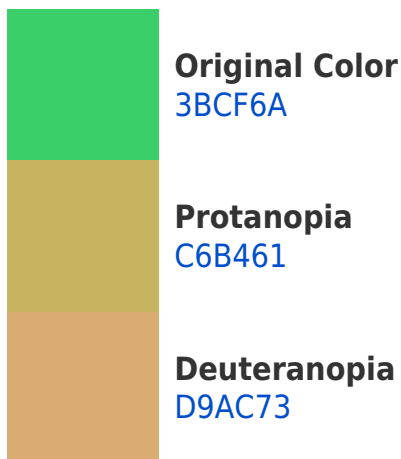


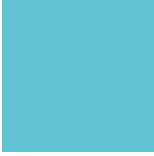
This preview shows how white text looks on a background with the Hex color 3BCF6A.

# 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](#).

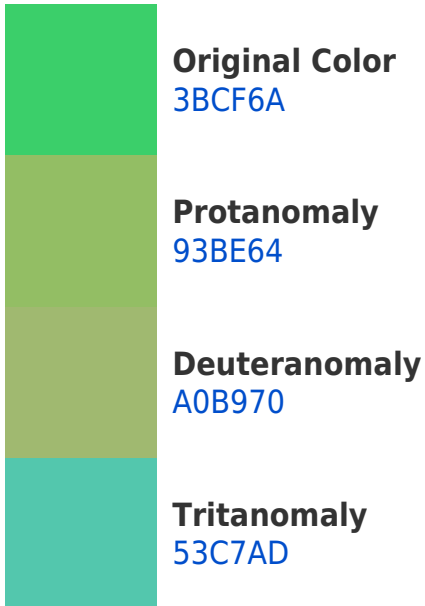
## Dichromacy



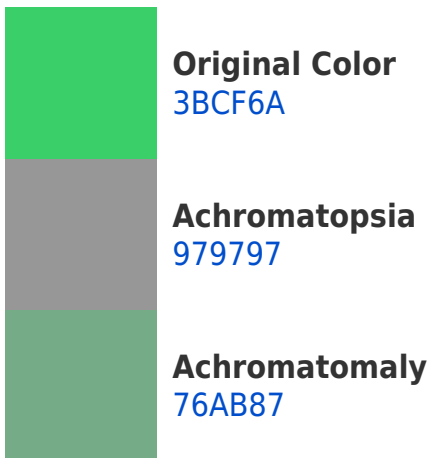


**Tritanopia**  
60C3D3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3BCF6A 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 #3BCF6A looks like.

```
.text, #text, p{  
    color:#3BCF6A  
}
```

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 #3BCF6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3BCF6A
}
```

## Border

The CSS property to change the border of an element to Hex 3BCF6A 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
#3BCF6A }
```

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

```
.border{ border-color:#3BCF6A }
```

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

Here you see how a box with a 4 pixel #3BCF6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3BCF6A; -webkit-box-shadow:4px 4px  
4px 4px #3BCF6A; box-shadow:4px 4px 4px  
4px #3BCF6A }
```

# Background

The CSS property to change the background color of an element to Hex 3BCF6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3BCF6A }
```

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

```
.background{ background-color:#3BCF6A }
```

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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