

# Converting Colors

Hex(3FBF59)

Have a look what the booklet for  
Hex(3FBF59) contains.

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# Color

**Hex(3FBF59)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3FBF59
RGB	63, 191, 89
RGB Percent	25%, 75%, 35%
CMY	0.7529, 0.2510, 0.6510
CMYK	0.67, 0.00, 0.53, 0.25
HSL	132°, 50%, 50%
HSV	132°, 67%, 75%
XYZ	22.4839, 39.0396, 15.8016
YIQ	141.1000, -43.5460, -58.8580

# Conversions

## Conversions Part 2

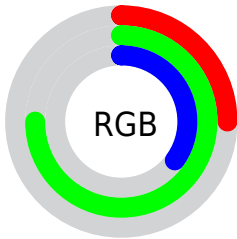
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">63, 169, 191</a>
Decimal	<a href="#">4177753</a>
CIELab	<a href="#">68.78, -56.20, 41.07</a>
CIELCh	<a href="#">69, 69.609, 143.842</a>
Yxy	<a href="#">39.0396, 0.2908, 0.5049</a>
Android (android.graphics.Color)	<a href="#">4282367833 (0xFF3FBF59)</a>
YUV	<a href="#">141.1000, -25.6853, -68.4937</a>
Hunter-Lab	<a href="#">62.4817, -45.1102, 28.7428</a>

# Details

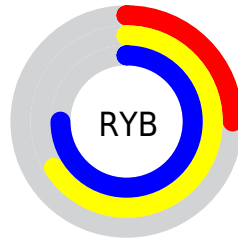
The Hex color **3FBF59** is a dark color, and the websafe version is hex **33CC66**. A complement of this color would be **BF3FA5**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **7DF88D**, and **008827** is the 20% darker color. If you saturate the color by 10%, you get **2CBF4A**, and if you desaturate by 10%, it is **52BF68**.

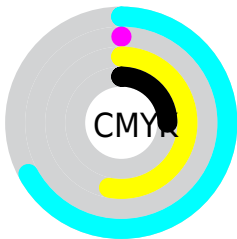
# Distribution



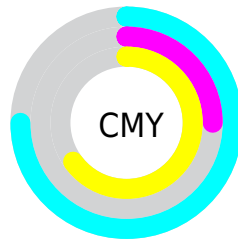
- Red (25%)
- Green (75%)
- Blue (35%)



- Red (25%)
- Yellow (66%)
- Blue (75%)



- Cyan (67%)
- Magenta (0%)
- Yellow (53%)
- Black (25%)



- Cyan (75%)
- Magenta (25%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 3FBF59 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 3FBF59 by changing the saturation by 10% instead.





3FBF59



3FBF59

FFFFFF



13A340



7DF88D



008827



9BFFA8



006E09



B8FFC4



005400



D6FFE0



003C00



F4FFFD



002500



000000



3FBF59



3FBF59



2CBF4A



52BF68

 19BF3B

 65BF77

 06BF2B

 78BF87

 00BF27

 8BBF96

 9FBFA5

 B2BFB4

 C5BFC4

 D8BFD3

 EBBFE2

# Harmonies

## Analogous

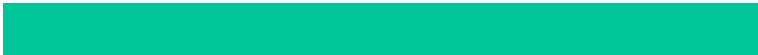
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



97B324



3FBF59



00C598

# Triad

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



3FBF59



00B3FF



FF6F79

# Complementary

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



3FBF59



BF3FA5

# 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.



FF6BB8



3FBF59



8F9DFF

# Square

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



3FBF59



00C0FF



E780F3



FF8741

# Rectangle

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



3FBF59



00C6C4



E780F3



FF6B8D

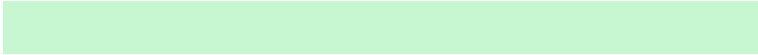


# Sweetspot

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



3FBF59



C6F7D0



A5BF3F



5F7D65



FCFCFC



7D7D7D



# Same Dimension

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



3FBF59



31F75A



3FBF99



555E57



009E20



001F06



# Inverse Universe

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



BF3FA5



F731CF



BF3F65



5E555C



9E007E



1F0018



# Previews

## White Background



This preview shows how the Hex color 3FBF59 looks on a white background.

## Color Contrast Check

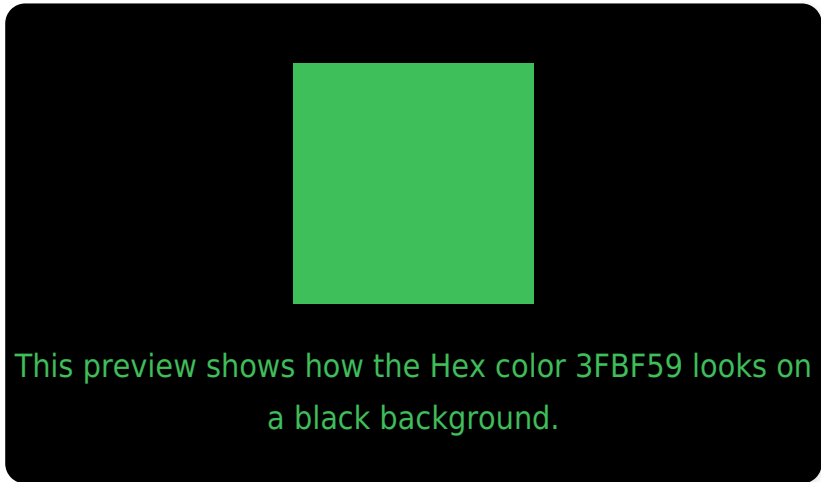
Large Text (above 18pt) WCAG AA × Fail

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 3FBF59 Background



This preview shows how black text looks on a background with the Hex color 3FBF59.

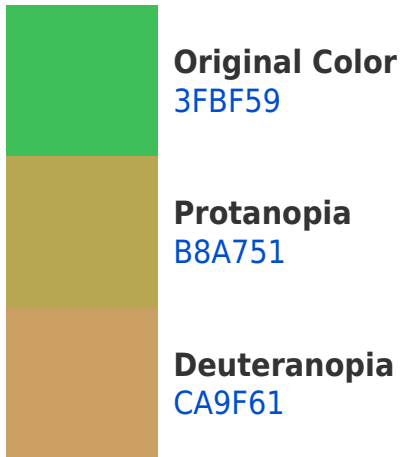


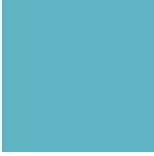
This preview shows how white text looks on a background with the Hex color 3FBF59.

# 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](#).

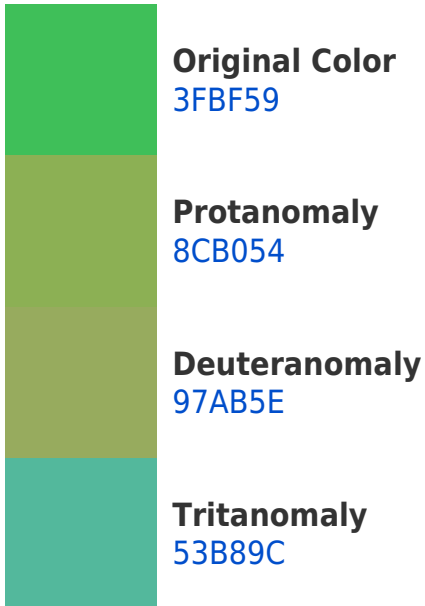
## Dichromacy



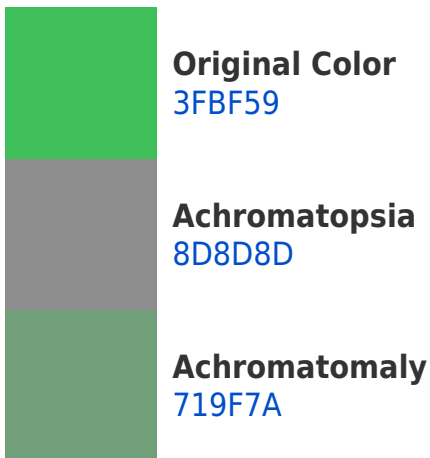


**Tritanopia**  
5EB4C2

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 3FBF59 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 #3FBF59 looks like.

```
.text, #text, p{  
    color:#3FBF59  
}
```

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 #3FBF59 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #3FBF59
}
```

## Border

The CSS property to change the border of an element to Hex 3FBF59 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
#3FBF59 }
```

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

```
.border{ border-color:#3FBF59 }
```

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

Here you see how a box with a 4 pixel #3FBF59 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #3FBF59; -webkit-box-shadow:4px 4px  
4px 4px #3FBF59; box-shadow:4px 4px 4px  
4px #3FBF59 }
```

# Background

The CSS property to change the background color of an element to Hex 3FBF59 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#3FBF59 }
```

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

```
.background{ background-color:#3FBF59 }
```

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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