

# Converting Colors

Hex(BFF53D)

Have a look what the booklet for  
Hex(BFF53D) contains.

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**Color**

**Hex(BFF53D)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFF53D
RGB	191, 245, 61
RGB Percent	75%, 96%, 24%
CMY	0.2510, 0.0392, 0.7608
CMYK	0.22, 0.00, 0.75, 0.04
HSL	78°, 90%, 60%
HSV	78°, 75%, 96%
XYZ	54.9806, 76.7181, 16.3252
YIQ	207.8780, 26.8800, -68.6720

# Conversions

## Conversions Part 2

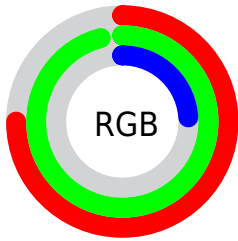
Format	Color
<b>RYB</b>	61, 245, 115
Decimal	12580157
CIELab	90.19, -41.12, 76.84
CIElCh	90, 87.148, 118.151
Yxy	76.7181, 0.3714, 0.5183
Android (android.graphics.Color)	4290770237 (0xFFBFF53D)
YUV	207.8780, -72.4109, -14.8020
Hunter-Lab	87.5889, -41.2340, 50.2615

# Details

The Hex color **BFF53D** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **733DF5**, and the grayscale version is **D1D1D1**.

A 20% lighter version of the original color is **FBFF79**, and **85BC00** is the 20% darker color. If you saturate the color by 10%, you get **B8F524**, and if you desaturate by 10%, it is **C6F556**.

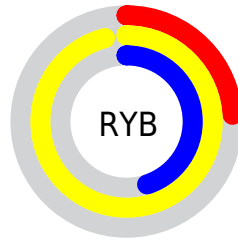
# Distribution



Red (75%)

Green (96%)

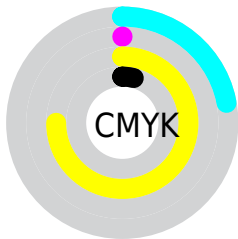
Blue (24%)



Red (24%)

Yellow (96%)

Blue (45%)

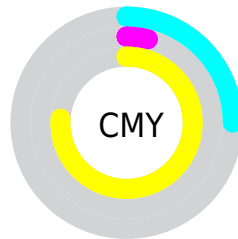


Cyan (22%)

Magenta (0%)

Yellow (75%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFF53D 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 BFF53D by changing the saturation by 10% instead.



 BFF53D

 BFF53D

FFFFFF

 A2D814

 FBFF79

 85BC00

 FFFF96

 68A100

 FFFFB3

 4B8700

 FFFFD1

 2C6D00

 FFFFEE

 005400

 003C00

 002800

 000100

 BFF53D

 BFF53D

 B8F524

 C6F556

 B1F50C

 CDF56E

 ADF500

 D5F586

 DCF59F

 E3F5B7

 EAF5D0

 F1F5E9

 F9F5FF

 FFF5FF

# Harmonies

## Analogous

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



FFDD1D



BFF53D



37FF86

# Triad

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



BFF53D



00FFFF



FF91EC

# Complementary

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



BFF53D



733DF5

# 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.



FFA9FF



BFF53D



00EEFF

# Square

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



BFF53D



00FFFF



D8CFFF



FF9B99

# Rectangle

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



BFF53D



00FFBE



D8CFFF



FF96FF

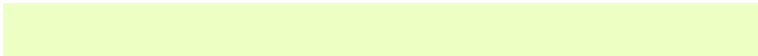


# Sweetspot

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



BFF53D



EEFFC4



F5713D



75805C



000000



808080



# Same Dimension

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



BFF53D



BCFF19



65F53D



777A6E



84BA00



293B00



# Inverse Universe

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



733DF5



5D19FF



CD3DF5



726E7A



3700BA

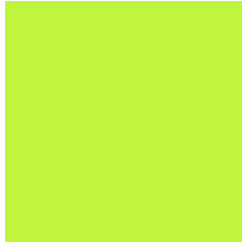


11003B



# Previews

## White Background



This preview shows how the Hex color BFF53D looks on a white background.

## Color Contrast Check

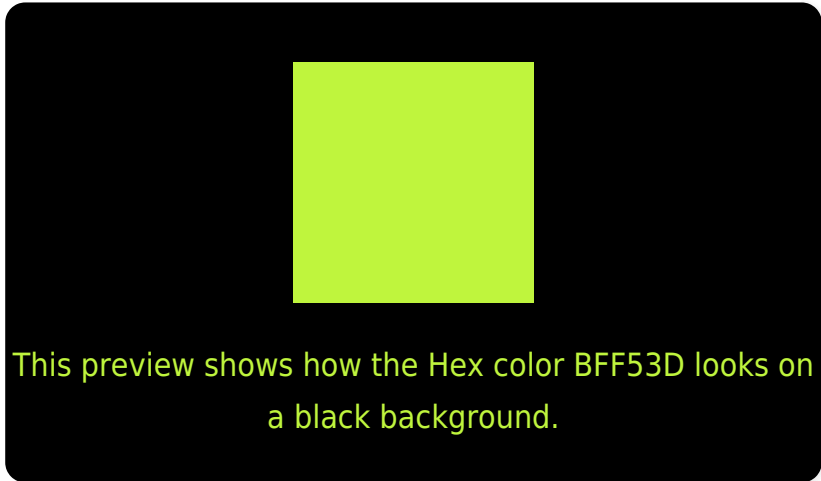
Large Text (above 18pt) WCAG AA × Fail

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 BFF53D Background



This preview shows how black text looks on a background with the Hex color BFF53D.



This preview shows how white text looks on a background with the Hex color BFF53D.

# 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



**Original Color**  
BFF53D

**Protanopia**  
FEE338

**Deuteranopia**  
FFDDAF

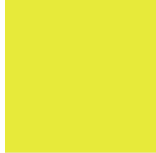


**Tritanopia**  
D3E4F7

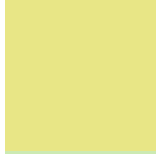
# Trichromacy



**Original Color**  
BFF53D



**Protanomaly**  
E7EA3A



**Deuteranomaly**  
E8E686

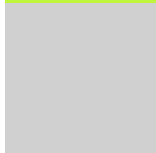


**Tritanomaly**  
CCEAB3

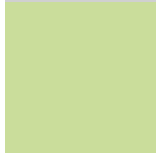
# Monochromacy



**Original Color**  
BFF53D



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
CADD9B

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFF53D 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 #BFF53D looks like.

```
.text, #text, p{  
    color:#BFF53D  
}
```

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 #BFF53D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFF53D
}
```

## Border

The CSS property to change the border of an element to Hex BFF53D 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
#BFF53D }
```

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

```
.border{ border-color:#BFF53D }
```

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

Here you see how a box with a 4 pixel #BFF53D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFF53D; -webkit-box-shadow:4px 4px  
4px 4px #BFF53D; box-shadow:4px 4px 4px  
4px #BFF53D }
```

# Background

The CSS property to change the background color of an element to Hex BFF53D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFF53D }
```

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

```
.background{ background-color:#BFF53D }
```

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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