

# Converting Colors

Hex(BFF596)

Have a look what the booklet for  
Hex(BFF596) contains.

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**Color**

**Hex(BFF596)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BFF596
RGB	191, 245, 150
RGB Percent	75%, 96%, 59%
CMY	0.2510, 0.0392, 0.4118
CMYK	0.22, 0.00, 0.39, 0.04
HSL	94°, 83%, 77%
HSV	94°, 39%, 96%
XYZ	59.6433, 78.5832, 40.8787
YIQ	218.0240, -1.6890, -40.9930

# Conversions

## Conversions Part 2

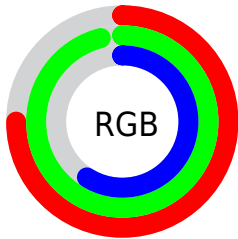
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 245, 204
Decimal	12580246
CIELab	91.05, -33.34, 40.28
CIELCh	91, 52.286, 129.611
Yxy	78.5832, 0.3330, 0.4388
Android (android.graphics.Color)	4290770326 (0xFFBFF596)
YUV	218.0240, -33.5358, -23.7000
Hunter-Lab	88.6472, -35.0348, 34.7121

# Details

The Hex color **BFF596** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **CC96F5**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **F9FFCD**, and **88BC62** is the 20% darker color. If you saturate the color by 10%, you get **B1F57D**, and if you desaturate by 10%, it is **CDF5AF**.

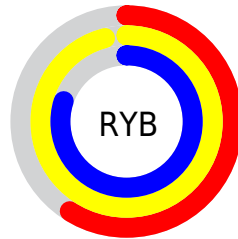
# Distribution



Red (75%)

Green (96%)

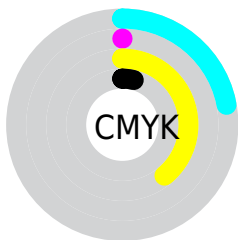
Blue (59%)



Red (59%)

Yellow (96%)

Blue (80%)

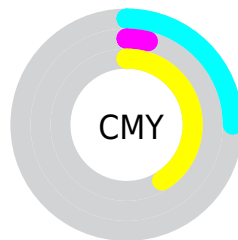


Cyan (22%)

Magenta (0%)

Yellow (39%)

Black (4%)



Cyan (25%)

Magenta (4%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BFF596 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 BFF596 by changing the saturation by 10% instead.



 BFF596

 BFF596

FFFFFF

 A3D87B

 F9FFCD

 88BC62

 FFFFEA

 6DA148

 538730

 396D16

 1E5400

 003D00

 002700

 000700

 BFF596

 BFF596

 B1F57D

 CDF5AF

 A3F565


 DBF5C7

 95F54D

 E9F5E0

 87F534

 F7F5F8

 79F51C

 FFF5FF

 6BF503

 6AF500

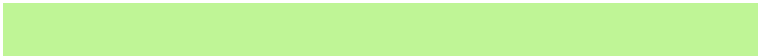
# Harmonies

## Analogous

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



F6E880



BFF596



7EFDC1

# Triad

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



BFF596



4CF4FF



FFBDD7

# Complementary

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



BFF596



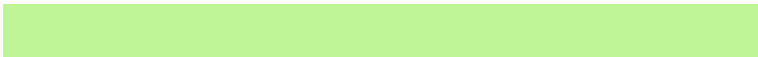
CC96F5

# Split Complementary

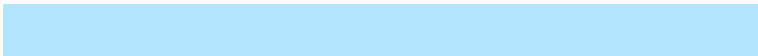
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC2FF



BFF596



B4E5FF

# Square

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



BFF596



00DFF



FFD2FF



FFC6A8

# Rectangle

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



BFF596



42FFE3



FFD2FF



FFBDE8



# Sweetspot

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



BFF596



EEFFE0



F5CC96



75806E



000000

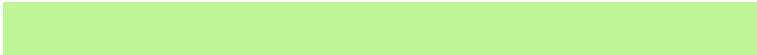


808080

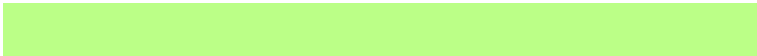


# Same Dimension

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



BFF596



BBFF87



96F59C



737A6E



50BA00



193B00



# Inverse Universe

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



CC96F5



CB87FF



F596EF



756E7A



6A00BA

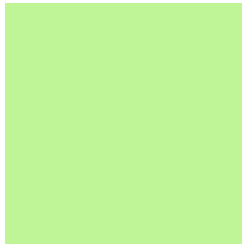


21003B



# Previews

## White Background



This preview shows how the Hex color BFF596 looks on a white background.

## Color Contrast Check

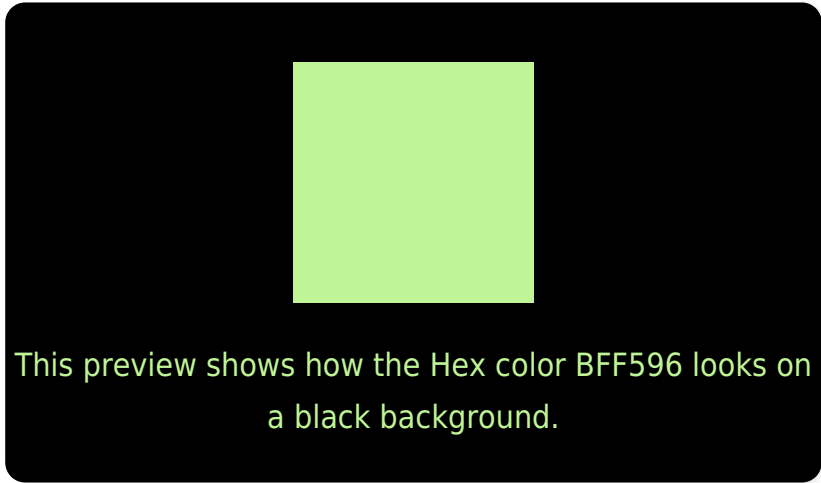
Large Text (above 18pt) WCAG AA × Fail

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 BFF596 Background



This preview shows how black text looks on a background with the Hex color BFF596.

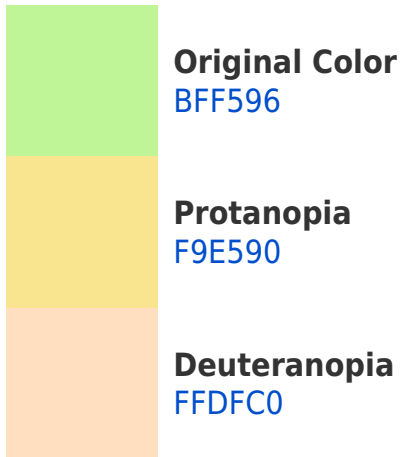


This preview shows how white text looks on a background with the Hex color BFF596.

# 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

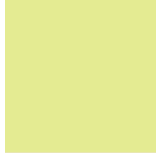




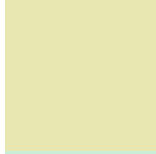
# Trichromacy



**Original Color**  
BFF596



**Protanomaly**  
E4EB92



**Deuteranomaly**  
E8E7B1

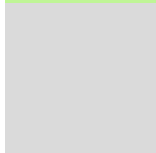


**Tritanomaly**  
C9EDD6

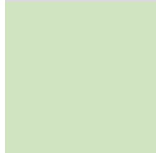
# Monochromacy



**Original Color**  
BFF596



**Achromatopsia**  
DADADA



**Achromatomaly**  
D0E4C1

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BFF596 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 #BFF596 looks like.

```
.text, #text, p{  
    color:#BFF596  
}
```

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 #BFF596 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFF596
}
```

## Border

The CSS property to change the border of an element to Hex BFF596 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
#BFF596 }
```

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

```
.border{ border-color:#BFF596 }
```

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

Here you see how a box with a 4 pixel #BFF596 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFF596; -webkit-box-shadow:4px 4px  
4px 4px #BFF596; box-shadow:4px 4px 4px  
4px #BFF596 }
```

# Background

The CSS property to change the background color of an element to Hex BFF596 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFF596 }
```

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

```
.background{ background-color:#BFF596 }
```

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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