

Converting Colors

Hex(BFF274)

Have a look what the booklet for
Hex(BFF274) contains.

Hex(BFF274)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(BFF274)

Conversions

Conversions Part 1

Format	Color
Hex	BFF274
RGB	191, 242, 116
RGB Percent	75%, 95%, 45%
CMY	0.2510, 0.0510, 0.5451
CMYK	0.21, 0.00, 0.52, 0.05
HSL	84°, 83%, 70%
HSV	84°, 52%, 95%
XYZ	56.3904, 75.8416, 28.1898
YIQ	212.3870, 10.0500, -49.9980

Conversions

Conversions Part 2

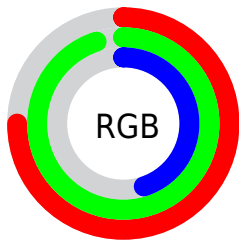
Format	Color
RYB	116, 242, 167
Decimal	12579444
CIELab	89.79, -35.83, 54.92
CIELCh	90, 65.576, 123.124
Yxy	75.8416, 0.3515, 0.4728
Android (android.graphics.Color)	4290769524 (0xFFBFF274)
YUV	212.3870, -47.5188, -18.7564
Hunter-Lab	87.0871, -36.8206, 41.7690

Details

The Hex color **BFF274** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **A774F2**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **F9FFAB**, and **87BA3E** is the 20% darker color. If you saturate the color by 10%, you get **B5F25C**, and if you desaturate by 10%, it is **C9F28C**.

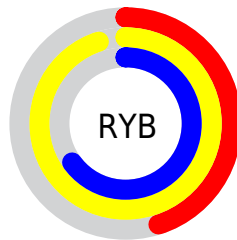
Distribution



Red (75%)

Green (95%)

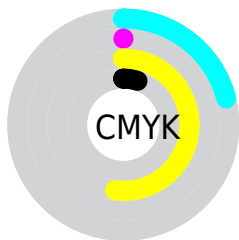
Blue (45%)



Red (45%)

Yellow (95%)

Blue (65%)

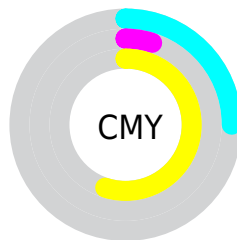


Cyan (21%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (55%)

Brightness & Saturation Gradients

These gradients show how the Hex color BFF274 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 BFF274 by changing the saturation by 10% instead.

 BFF274

FFFFFF

 F9FFAB

 FFFFC7

 FFFFE4

 BFF274

 A3D559

 87BA3E

 6B9F22

 508400

 356B00

 185200

 003A00

 002600

 000000

 BFF274

 BFF274

 B5F25C

 C9F28C

 ABF244

 D3F2A4

 A2F22B

 DCF2BD

 98F213

 E6F2D5

 90F200

 F0F2ED

 FAF2FF

 FFF2FF

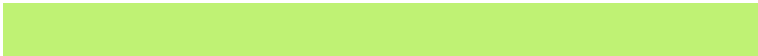
Harmonies

Analogous

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



FFE15F



BFF274



68FDA7

Triad

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



BFF274



00F7FF



FFACDE

Complementary

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



BFF274



A774F2

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.



FFB7FF



BFF274



79E6FF

Square

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



BFF274



00FFFF



EECFFF



FFB4A1

Rectangle

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



BFF274



00FFD1



EECFFF



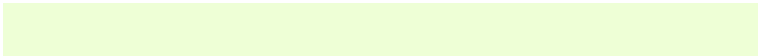
FFADF3

Sweetspot

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



BFF274



EEFFD6



F2A674



768067



000000



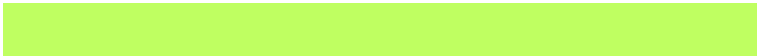
808080

Same Dimension

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



BFF274



BFFF61



81F274



73786C



6DB800



213800

Inverse Universe

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



A774F2



A161FF



E574F2



716C78



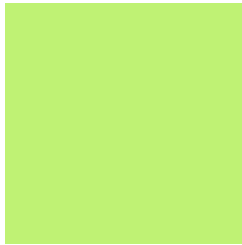
4A00B8



170038

Previews

White Background



This preview shows how the Hex color BFF274 looks on a white background.

Color Contrast Check

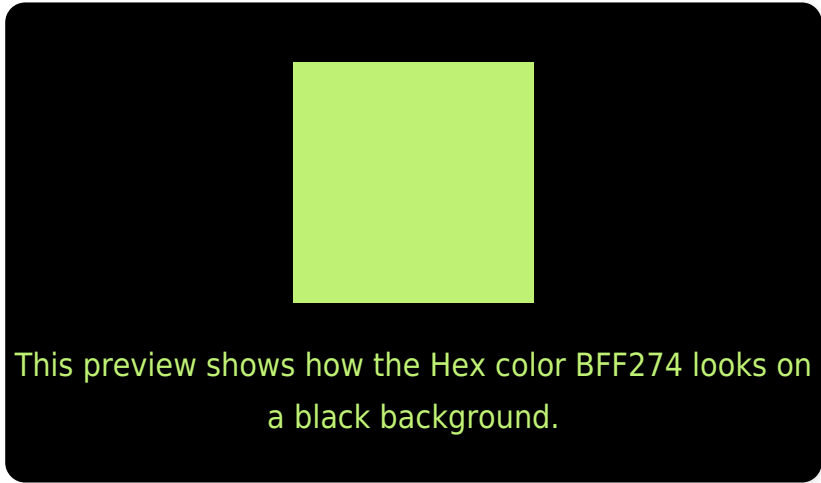
Large Text (above 18pt) WCAG AA × Fail

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 BFF274 Background



This preview shows how black text looks on a background with the Hex color BFF274.

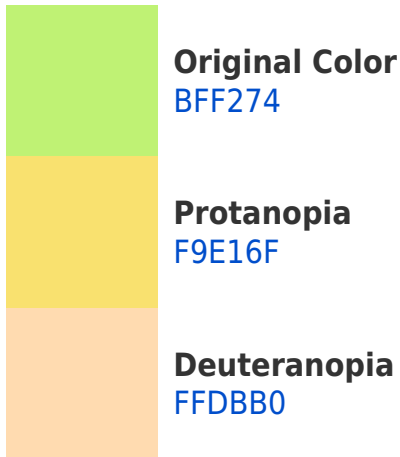


This preview shows how white text looks on a background with the Hex color BFF274.

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



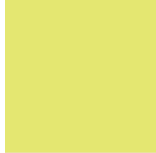


Tritanopia
D0E4F6

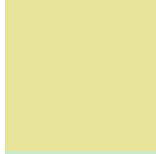
Trichromacy



Original Color
BFF274



Protanomaly
E4E771



Deuteranomaly
E8E39A

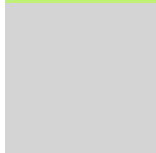


Tritanomaly
CAE9C7

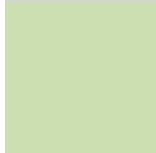
Monochromacy



Original Color
BFF274



Achromatopsia
D4D4D4



Achromatomaly
CCDFB1

CSS Examples

Text

The CSS property to change the color of the text to Hex BFF274 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 #BFF274 looks like.

```
.text, #text, p{  
    color:#BFF274  
}
```

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 #BFF274 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BFF274
}
```

Border

The CSS property to change the border of an element to Hex BFF274 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
#BFF274 }
```

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

```
.border{ border-color:#BFF274 }
```

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

Here you see how a box with a 4 pixel #BFF274 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BFF274; -webkit-box-shadow:4px 4px  
4px 4px #BFF274; box-shadow:4px 4px 4px  
4px #BFF274 }
```

Background

The CSS property to change the background color of an element to Hex BFF274 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BFF274 }
```

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

```
.background{ background-color:#BFF274 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor