

# Converting Colors

Hex(BDFF73)

Have a look what the booklet for  
Hex(BDFF73) contains.

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# **Color**

**Hex(BDFF73)**

# Conversions

## Conversions Part 1

| Format      | Color                                      |
|-------------|--|
| Hex         | <a href="#">BDF73</a>                      |
| RGB         | <a href="#">189, 255, 115</a>              |
| RGB Percent | <a href="#">74%, 100%, 45%</a>             |
| CMY         | <a href="#">0.2588, 0.0000, 0.5490</a>     |
| CMYK        | <a href="#">0.26, 0.00, 0.55, 0.00</a>     |
| HSL         | <a href="#">88°, 100%, 73%</a>             |
| HSV         | <a href="#">88°, 55%, 100%</a>             |
| XYZ         | <a href="#">59.8408, 83.5766, 29.1976</a>  |
| YIQ         | <a href="#">219.3060, 5.6040, -57.5320</a> |

# Conversions

## Conversions Part 2

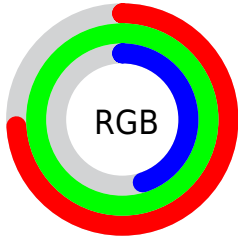
| Format                              | Color   |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">115, 255, 181</a>                               |
| Decimal                             | <a href="#">12451699</a>                                    |
| CIELab                              | <a href="#">93.27, -42.44, 59.42</a>                        |
| CIElCh                              | <a href="#">93, 73.017, 125.534</a>                         |
| Yxy                                 | <a href="#">83.5766, 0.3467, 0.4842</a>                     |
| Android<br>(android.graphics.Color) | <a href="#">4290641779</a><br>( <a href="#">0xFFBDF73</a> ) |
| YUV                                 | <a href="#">219.3060, -51.4229, -26.5784</a>                |
| Hunter-Lab                          | <a href="#">91.4203, -43.1450, 45.0583</a>                  |

# Details

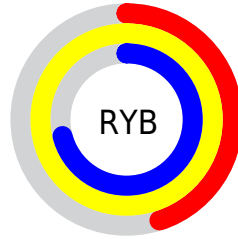
The Hex color **BDF73** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **B573FF**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **F8FFAA**, and **84C63C** is the 20% darker color. If you saturate the color by 10%, you get **B1FF5A**, and if you desaturate by 10%, it is **C9FF8D**.

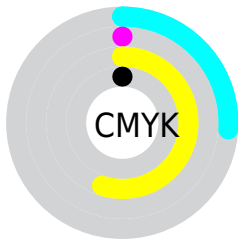
# Distribution



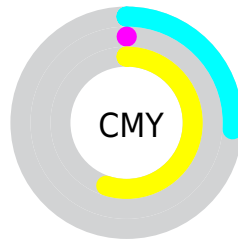
- Red (74%)
- Green (100%)
- Blue (45%)



- Red (45%)
- Yellow (100%)
- Blue (71%)



- Cyan (26%)
- Magenta (0%)
- Yellow (55%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BDF73 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 BDF73 by changing the saturation by 10% instead.



 B D F F 7 3

F F F F F F

 F 8 F F A A

 F F F F C 7

 F F F F E 4

 B D F F 7 3

 A 0 E 2 5 8

 8 4 C 6 3 C

 6 8 A A 1 D

 4 C 9 0 0 0

 2 E 7 5 0 0

 0 A 5 C 0 0

 0 0 4 4 0 0

 0 0 2 D 0 0

 0 0 1 4 0 0

 BDFF73

 BDFF73

 B1FF5A

 C9FF8D

 A5FF40

 D5FFA6

 99FF26

 E1FFC0

 8DFF0D

 EDFFD9

 87FF00

 F9FFF3

FFFFFF

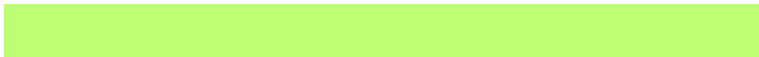
# Harmonies

## Analogous

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



FFEC57



BDFF73



4FFFAF

# Triad

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



BDF73



00FFFF



FFAEE1

# Complementary

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



**BDF73**



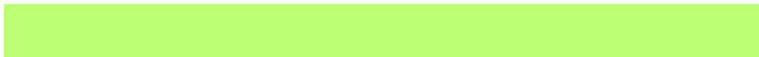
**B573FF**

# 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.



FFB9FF



BDF73



7BEFFF

# Square

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



`BDF73`



`00FFFF`



`FFD4FF`



`FFB99E`

# Rectangle

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



`BDF73`



`00FFDE`



`FFD4FF`



`FFAEF9`



# Sweetspot

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



BDF73



ECFFD6



FFB473



748067



000000

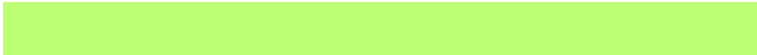


808080



# Same Dimension

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



**BDF73**



**B0FF57**



**78FF73**



**798073**



**65BF00**



**224000**



# Inverse Universe

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



B573FF



A657FF



FA73FF



797380



5A00BF

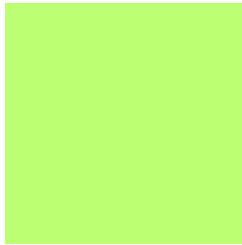


1E0040



# Previews

## White Background



This preview shows how the Hex color BDF73 looks on a white background.

## Color Contrast Check

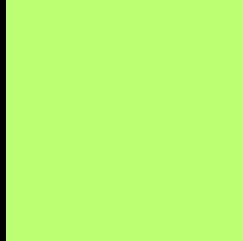
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color BDFF73 looks on a 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

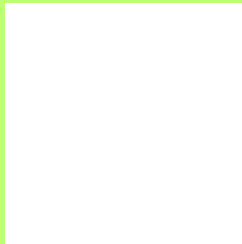
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex BDF73 Background



This preview shows how black text looks on a background with the Hex color BDF73.

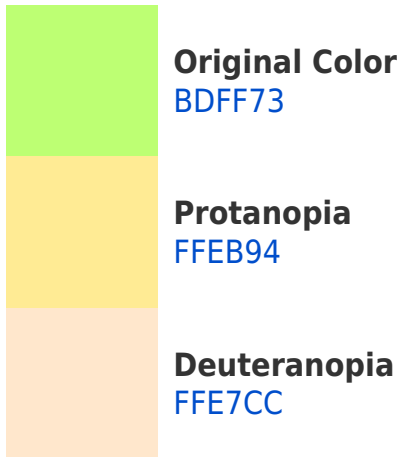


This preview shows how white text looks on a background with the Hex color BDF73.

# 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**  
D6EFFF

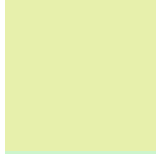
# Trichromacy



**Original Color**  
BDF73



**Protanomaly**  
E7F288



**Deuteranomaly**  
E7F0AC

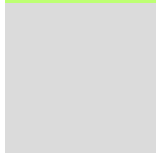


**Tritanomaly**  
CDF5CC

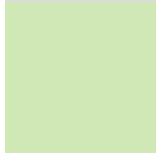
# Monochromacy



**Original Color**  
BDF73



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
D0E8B5

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BDFF73 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 #BDFF73 looks like.

```
.text, #text, p{  
    color:#BDFF73  
}
```

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 #BDF73 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BDF73  
}
```

## Border

The CSS property to change the border of an element to Hex BDF73 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  
#BDF73 }
```

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

```
.border{ border-color:#BDFF73 }
```

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

Here you see how a box with a 4 pixel #BDFF73 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BDFF73; -webkit-box-shadow:4px 4px  
4px 4px #BDFF73; box-shadow:4px 4px 4px  
4px #BDFF73 }
```

# Background

The CSS property to change the background color of an element to Hex BDFF73 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BDFF73 }
```

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

```
.background{ background-color:#BDFF73 }
```

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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