

# Converting Colors

Hex(BCFD18)

Have a look what the booklet for  
Hex(BCFD18) contains.

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**Color**

**Hex(BCFD18)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCFD18
RGB	188, 253, 24
RGB Percent	74%, 99%, 9%
CMY	0.2627, 0.0078, 0.9059
CMYK	0.26, 0.00, 0.91, 0.01
HSL	77°, 98%, 54%
HSV	77°, 91%, 99%
XYZ	56.0292, 81.0079, 13.5472
YIQ	207.4590, 34.7690, -84.9990

# Conversions

## Conversions Part 2

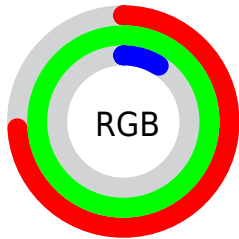
Format	Color
R <sub>Y</sub> B	24, 253, 89
Decimal	12385560
CIE Lab	92.14, -46.86, 86.59
CIE LCh	92, 98.461, 118.420
Yxy	81.0079, 0.3721, 0.5380
Android (android.graphics.Color)	4290575640 (0xFFBCFD18)
YUV	207.4590, -90.4453, -17.0655
Hunter-Lab	90.0044, -46.3885, 54.0789

# Details

The Hex color **BCFD18** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed chartreuse. A complement of this color would be **5918FD**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F9FF64**, and **80C400** is the 20% darker color. If you saturate the color by 10%, you get **B5FD00**, and if you desaturate by 10%, it is **C3FD31**.

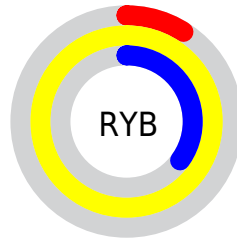
# Distribution



Red (74%)

Green (99%)

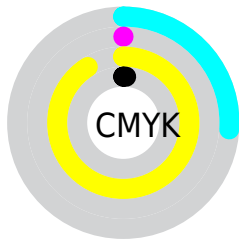
Blue (9%)



Red (9%)

Yellow (99%)

Blue (35%)

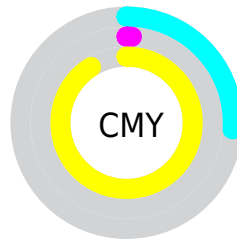


Cyan (26%)

Magenta (0%)

Yellow (91%)

Black (1%)



Cyan (26%)

Magenta (1%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCFD18 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 BCFD18 by changing the saturation by 10% instead.



 BCFD18

 BCFD18

FFFFFF

 9EE000

 F9FF64

 80C400

 FFFF83

 62A900

 FFFFA1

 448E00

 FFFFBF

 217400

 FFFFDD

 005B00

 FFFFFB

 004200

 002C00

 000E00

 BCFD18

 BCFD18

 B5FD00

 C3FD31

 CAFD4B

 D2FD64

 D9FD7D

 E0FD97

 E7FDB0

 EEFDC9

 F5FDE2

 FDFDFC

# Harmonies

## Analogous

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



FFE200



BCFD18



00FF7F

# Triad

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



BCFD18



00FFFF



FF84F2

# Complementary

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



BCFD18



5918FD

# 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.



FFA4FF



BCFD18



00F5FF

# Square

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



BCFD18



00FFFF



DAD1FF



FF9394

# Rectangle

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



BCFD18



00FFBF



DAD1FF



FF8BFF

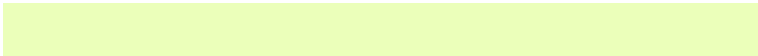


# Sweetspot

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



BCFD18



EBFFBA



FD5918



748057



000000



808080



# Same Dimension

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



BCFD18



B7FF00



4AFD18



7C8073



89BF00



2E4000



# Inverse Universe

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



5918FD



4800FF



CB18FD



767380



3600BF

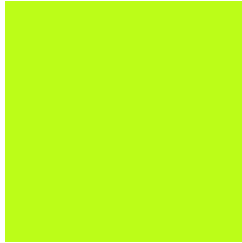


120040



# Previews

## White Background



This preview shows how the Hex color BCFD18 looks on a white background.

## Color Contrast Check

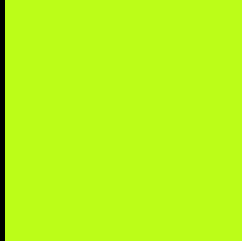
Large Text (above 18pt) WCAG AA × Fail

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 BCFD18 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 BCFD18 Background



This preview shows how black text looks on a background with the Hex color BCFD18.

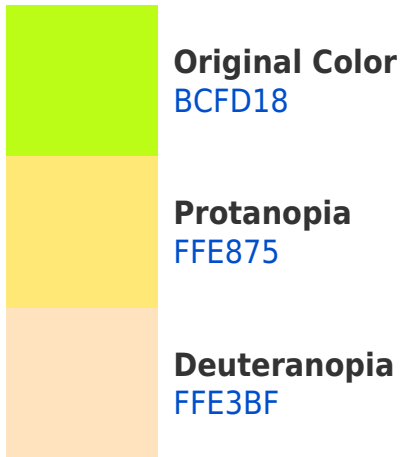


This preview shows how white text looks on a background with the Hex color BCFD18.

# 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](#).

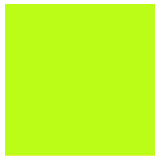
## Dichromacy



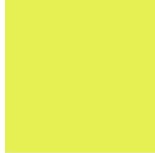


**Tritanopia**  
D3EBFE

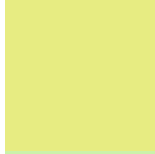
# Trichromacy



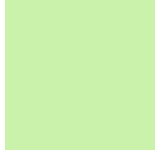
**Original Color**  
BCFD18



**Protanomaly**  
E7F053

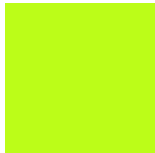


**Deuteranomaly**  
E7EC82

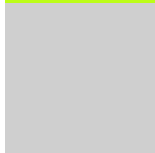


**Tritanomaly**  
CBF2AA

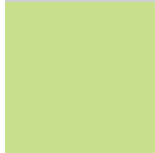
# Monochromacy



**Original Color**  
BCFD18



**Achromatopsia**  
CFCFCF



**Achromatomaly**  
C8E08C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCFD18 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 #BCFD18 looks like.

```
.text, #text, p{  
    color:#BCFD18  
}
```

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 #BCFD18 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFD18
}
```

## Border

The CSS property to change the border of an element to Hex BCFD18 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
#BCFD18 }
```

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

```
.border{ border-color:#BCFD18 }
```

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

Here you see how a box with a 4 pixel #BCFD18 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFD18; -webkit-box-shadow:4px 4px  
4px 4px #BCFD18; box-shadow:4px 4px 4px  
4px #BCFD18 }
```

# Background

The CSS property to change the background color of an element to Hex BCFD18 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFD18 }
```

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

```
.background{ background-color:#BCFD18 }
```

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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