

# Converting Colors

Hex(BCF449)

Have a look what the booklet for  
Hex(BCF449) contains.

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**Color**

**Hex(BCF449)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCF449
RGB	188, 244, 73
RGB Percent	74%, 96%, 29%
CMY	0.2627, 0.0431, 0.7137
CMYK	0.23, 0.00, 0.70, 0.04
HSL	80°, 89%, 62%
HSV	80°, 70%, 96%
XYZ	54.2923, 75.8738, 18.0869
YIQ	207.7620, 21.5150, -65.0530

# Conversions

## Conversions Part 2

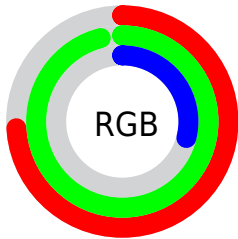
Format	Color
<a href="#">RYB</a>	<a href="#">73, 244, 129</a>
Decimal	<a href="#">12383305</a>
CIELab	<a href="#">89.80, -41.18, 72.47</a>
CIELCh	<a href="#">90, 83.353, 119.603</a>
Yxy	<a href="#">75.8738, 0.3662, 0.5118</a>
Android (android.graphics.Color)	<a href="#">4290573385</a> ( <a href="#">0xFFBCF449</a> )
YUV	<a href="#">207.7620, -66.4377, -17.3313</a>
Hunter-Lab	<a href="#">87.1056, -41.1768, 48.6627</a>

# Details

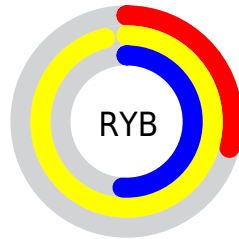
The Hex color **BCF449** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed chartreuse. A complement of this color would be **8149F4**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **F8FF83**, and **82BC00** is the 20% darker color. If you saturate the color by 10%, you get **B4F431**, and if you desaturate by 10%, it is **C4F461**.

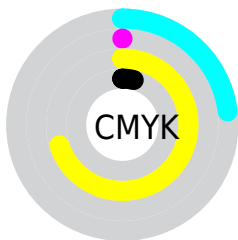
# Distribution



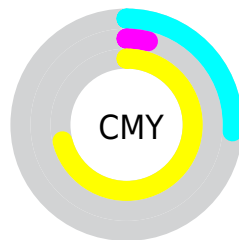
- Red (74%)
- Green (96%)
- Blue (29%)



- Red (29%)
- Yellow (96%)
- Blue (51%)



- Cyan (23%)
- Magenta (0%)
- Yellow (70%)
- Black (4%)



- Cyan (26%)
- Magenta (4%)
- Yellow (71%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCF449 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 BCF449 by changing the saturation by 10% instead.



 BCF449

 BCF449

FFFFFF

 9FD728

 F8FF83

 82BC00

 FFFF9F

 65A000

 FFFFBC

 498600

 FFFFDA

 2B6C00

 FFFFF7

 005300

 003C00

 002700

 000000

 BCF449

 BCF449

 B4F431

 C4F461

 ACF418

 CCF47A

 A4F400

 D4F492

 DCF4AB

 E4F4C3

 ECF4DB

 F4F4F4

 FCF4FF

 FFF4FF

# Harmonies

## Analogous

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



FFDE2C



BCF449



3BFF8D

# Triad

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



BCF449



00FEFF



FF95E6

# Complementary

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



BCF449



8149F4

# 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.



FFAAFF



BCF449



00EBFF

# Square

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



BCF449



00FFFF



DFCDFF



FFA098

# Rectangle

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



BCF449



00FFC2



DFCDFD



FF99FF

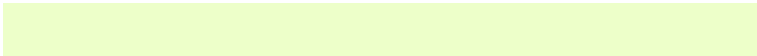


# Sweetspot

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



BCF449



EDFFC9



F47F49



758060



000000



808080



# Same Dimension

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



BCF449



B9FF29



68F449



767A6E



7DBA00



273B00



# Inverse Universe

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



8149F4



6F29FF



D549F4



726E7A



3D00BA

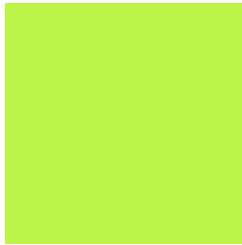


13003B



# Previews

## White Background



This preview shows how the Hex color BCF449 looks on a white background.

## Color Contrast Check

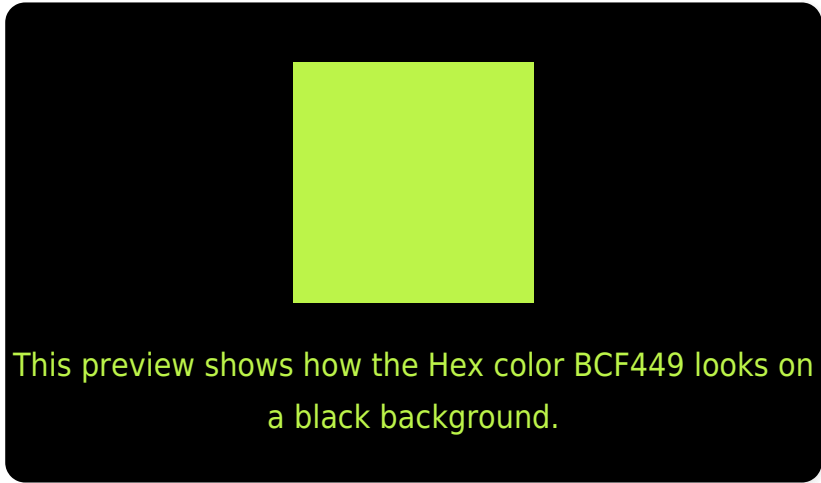
Large Text (above 18pt) WCAG AA × Fail

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 BCF449 Background



This preview shows how black text looks on a background with the Hex color BCF449.

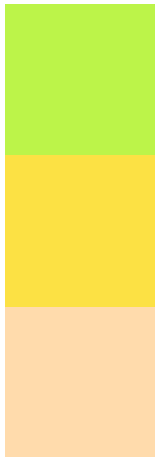


This preview shows how white text looks on a background with the Hex color BCF449.

# 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**  
BCF449

**Protanopia**  
FCE144

**Deuteranopia**  
FFDBAC

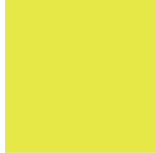


**Tritanopia**  
D0E4F6

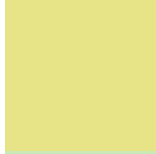
# Trichromacy



**Original Color**  
BCF449



**Protanomaly**  
E5E846



**Deuteranomaly**  
E7E488

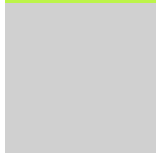


**Tritanomaly**  
C9EAB7

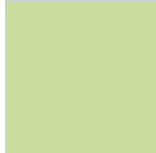
# Monochromacy



**Original Color**  
BCF449



**Achromatopsia**  
D0D0D0



**Achromatomaly**  
C9DD9F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCF449 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 #BCF449 looks like.

```
.text, #text, p{  
    color:#BCF449  
}
```

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 #BCF449 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCF449
}
```

## Border

The CSS property to change the border of an element to Hex BCF449 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
#BCF449 }
```

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

```
.border{ border-color:#BCF449 }
```

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

Here you see how a box with a 4 pixel #BCF449 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCF449; -webkit-box-shadow:4px 4px  
4px 4px #BCF449; box-shadow:4px 4px 4px  
4px #BCF449 }
```

# Background

The CSS property to change the background color of an element to Hex BCF449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCF449 }
```

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

```
.background{ background-color:#BCF449 }
```

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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