

# Converting Colors

Hex(BCFF96)

Have a look what the booklet for  
Hex(BCFF96) contains.

<b>Hex(BCFF96)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(BCFF96)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BCFF96
RGB	188, 255, 150
RGB Percent	74%, 100%, 59%
CMY	0.2627, 0.0000, 0.4118
CMYK	0.26, 0.00, 0.41, 0.00
HSL	98°, 100%, 79%
HSV	98°, 41%, 100%
XYZ	62.0041, 84.4134, 41.8796
YIQ	222.9970, -6.2270, -46.8590

# Conversions

## Conversions Part 2

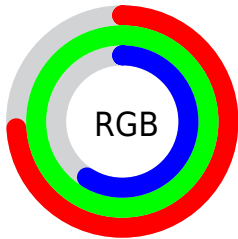
Format	Color
<a href="#">RYB</a>	<a href="#">150, 255, 217</a>
Decimal	<a href="#">12386198</a>
CIELab	<a href="#">93.63, -38.90, 43.57</a>
CIELCh	<a href="#">94, 58.407, 131.761</a>
Yxy	<a href="#">84.4134, 0.3293, 0.4483</a>
Android (android.graphics.Color)	<a href="#">4290576278</a> ( <a href="#">0xFFBCFF96</a> )
YUV	<a href="#">222.9970, -35.9875, -30.6924</a>
Hunter-Lab	<a href="#">91.8768, -40.3216, 37.2879</a>

# Details

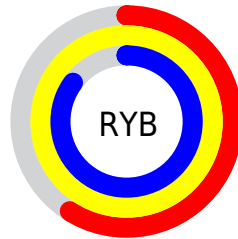
The Hex color **BCFF96** is a light color, and the websafe version is hex **CCFF99**. A complement of this color would be **D996FF**, and the grayscale version is **DFDFDF**.

A 20% lighter version of the original color is **F6FFCD**, and **84C661** is the 20% darker color. If you saturate the color by 10%, you get **ACFF7D**, and if you desaturate by 10%, it is **CCFFB0**.

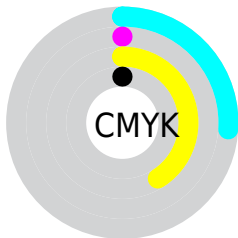
# Distribution



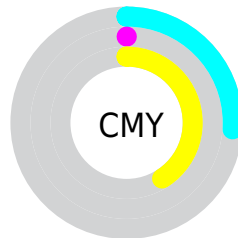
- Red (74%)
- Green (100%)
- Blue (59%)



- Red (59%)
- Yellow (100%)
- Blue (85%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color BCFF96 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 BCFF96 by changing the saturation by 10% instead.



 BCFF96

 BCFF96

FFFFFF

 A0E27B

 F6FFCD

 84C661

 FFFFEA

 69AA48

 4E902E

 337513

 135C00

 004400

 002D00

 001500

 BCFF96

 BCFF96

 ACFF7D

 CCFFB0

 9BFF63

 DDFFC9

 8BFF4A

 EDFFE3

 7BFF30

 FDFFFC

 6BFF17

FFFFFF

 5CFF00

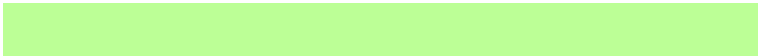
# Harmonies

## Analogous

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



FAF17B



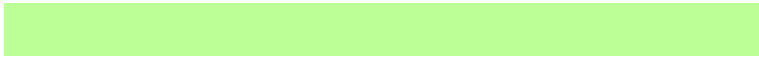
BCFF96



6DFFC8

# Triad

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



BCFF96



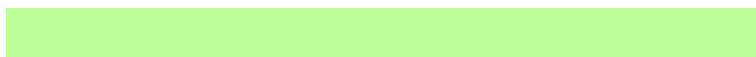
27FCFF



FFBFD8

# Complementary

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



BCFF96



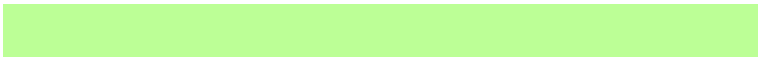
D996FF

# Split Complementary

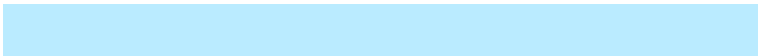
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFC4FF



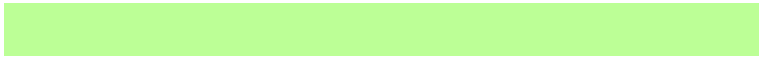
BCFF96



BAEBFF

# Square

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



BCFF96



00FFFF



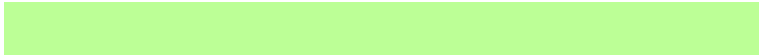
FFD5FF



FFCAA4

# Rectangle

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



BCFF96



00FFEE



FFD5FF

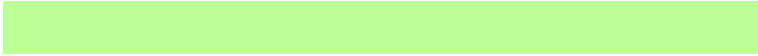


FFBEEC



# Sweetspot

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



BCFF96



EBFFE0



FFD996



74806E



000000

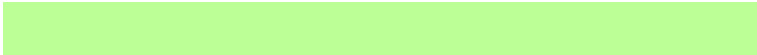


808080

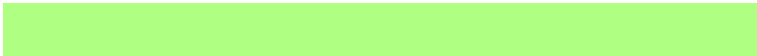


# Same Dimension

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



BCFF96



AFFF82



96FFA4



778073



45BF00



174000



# Inverse Universe

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



D996FF



D282FF



FF96F1



7B7380



7A00BF

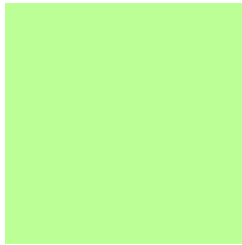


290040



# Previews

## White Background



This preview shows how the Hex color BCFF96 looks on a white background.

## Color Contrast Check

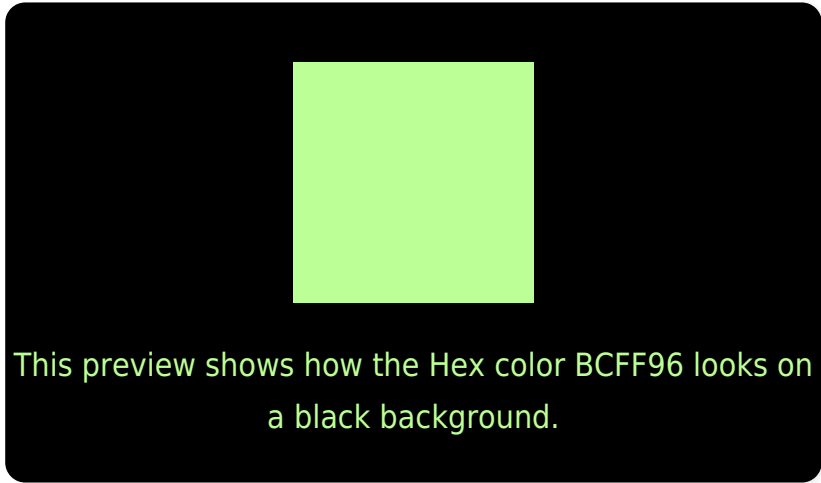
Large Text (above 18pt) WCAG AA × Fail

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

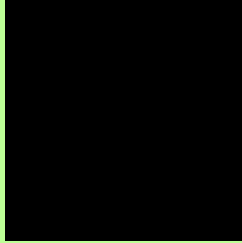
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex BCFF96 Background



This preview shows how black text looks on a background with the Hex color BCFF96.



This preview shows how white text looks on a background with the Hex color BCFF96.

# 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



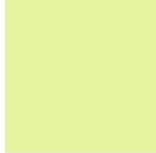


**Tritanopia**  
D6F0FF

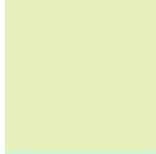
# Trichromacy



**Original Color**  
BCFF96



**Protanomaly**  
E7F39C

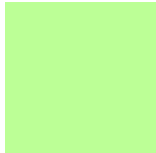


**Deuteranomaly**  
E7F0BC

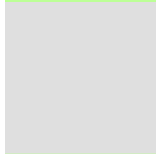


**Tritanomaly**  
CDF5D9

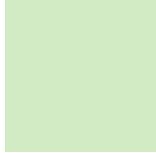
# Monochromacy



**Original Color**  
BCFF96



**Achromatopsia**  
DFDFDF



**Achromatomaly**  
D2EBC4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex BCFF96 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 #BCFF96 looks like.

```
.text, #text, p{  
    color:#BCFF96  
}
```

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 #BCFF96 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFF96
}
```

## Border

The CSS property to change the border of an element to Hex BCFF96 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
#BCFF96 }
```

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

```
.border{ border-color:#BCFF96 }
```

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

Here you see how a box with a 4 pixel #BCFF96 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFF96; -webkit-box-shadow:4px 4px  
4px 4px #BCFF96; box-shadow:4px 4px 4px  
4px #BCFF96 }
```

# Background

The CSS property to change the background color of an element to Hex BCFF96 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFF96 }
```

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

```
.background{ background-color:#BCFF96 }
```

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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