

Converting Colors

Hex(BCFF58)

Have a look what the booklet for
Hex(BCFF58) contains.

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Color

Hex(BCFF58)

Conversions

Conversions Part 1

Format	Color
Hex	BCFF58
RGB	188, 255, 88
RGB Percent	74%, 100%, 35%
CMY	0.2627, 0.0000, 0.6549
CMYK	0.26, 0.00, 0.65, 0.00
HSL	84°, 100%, 67%
HSV	84°, 65%, 100%
XYZ	58.2605, 82.9159, 22.1662
YIQ	215.9290, 13.6750, -66.1410

Conversions

Conversions Part 2

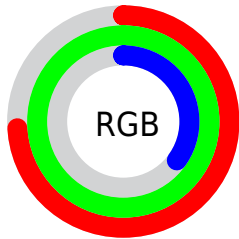
Format	Color
RYB	88, 255, 155
Decimal	12386136
CIELab	92.98, -45.00, 70.24
CIELCh	93, 83.417, 122.646
Yxy	82.9159, 0.3567, 0.5076
Android (android.graphics.Color)	4290576216 (0xFFBCFF58)
YUV	215.9290, -63.0690, -24.4937
Hunter-Lab	91.0582, -45.1447, 49.3078

Details

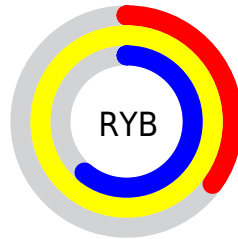
The Hex color **BCFF58** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light muted chartreuse. A complement of this color would be **9B58FF**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **F8FF91**, and **82C614** is the 20% darker color. If you saturate the color by 10%, you get **B2FF3F**, and if you desaturate by 10%, it is **C6FF72**.

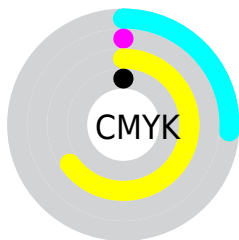
Distribution



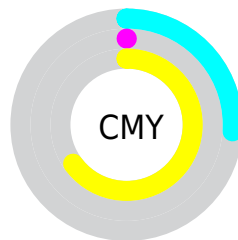
- Red (74%)
- Green (100%)
- Blue (35%)



- Red (35%)
- Yellow (100%)
- Blue (61%)



- Cyan (26%)
- Magenta (0%)
- Yellow (65%)
- Black (0%)



- Cyan (26%)
- Magenta (0%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color BCFF58 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 BCFF58 by changing the saturation by 10% instead.

 BCFF58

 BCFF58

FFFFFF

 9FE23A

 F8FF91

 82C614

 FFFFAD

 65AA00

 FFFFCA

 488F00

 FFFFEB

 297500

 005C00

 004400

 002D00

 001200

 BCFF58

 BCFF58

 B2FF3F

 C6FF72

 A8FF25

 D0FF8B

 9DFF0C

 DBFFA5

 99FF00

 E5FFBE

 EFFFFD8

 F9FFF1

FFFFFF

Harmonies

Analogous

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



FFE937



BCFF58



2BFF9D

Triad

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



BCFF58



00FFFF



FF9EE7

Complementary

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



BCFF58



9B58FF

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.



FFB0FF



BCFF58



00F2FF

Square

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



BCFF58



00FFFF



F6D2FF



FFAC99

Rectangle

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



BCFF58



00FFD4



F6D2FF



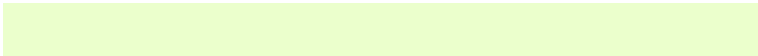
FFA1FF

Sweetspot

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



BCFF58



EBFFCC



FF9B58



738061



000000



808080

Same Dimension

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



BCFF58



AEFF36



69FF58



7A8073



73BF00



264000

Inverse Universe

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



9B58FF



8636FF



EE58FF



787380



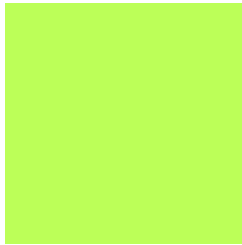
4D00BF



1A0040

Previews

White Background



This preview shows how the Hex color BCFF58 looks on a white background.

Color Contrast Check

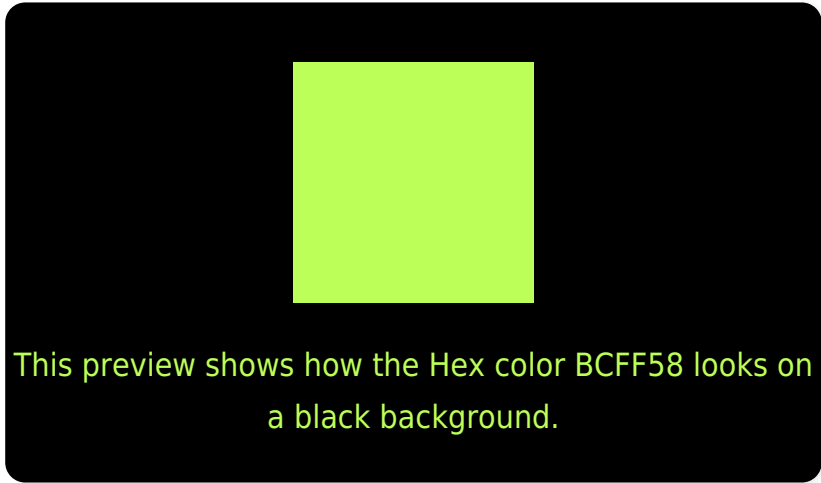
Large Text (above 18pt) WCAG AA × Fail

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 BCFF58 Background



This preview shows how black text looks on a background with the Hex color BCFF58.

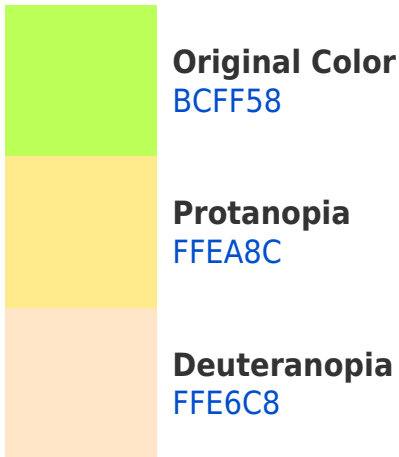


This preview shows how white text looks on a background with the Hex color BCFF58.

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](#).

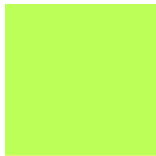
Dichromacy



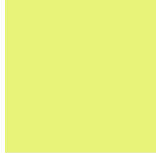


Tritanopia
D4EEFF

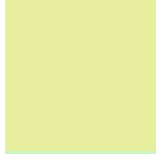
Trichromacy



Original Color
BCFF58



Protanomaly
E7F279

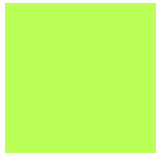


Deuteranomaly
E7EF9F

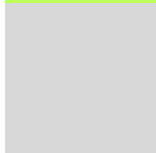


Tritanomaly
CBF4C2

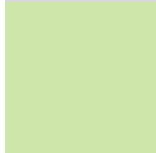
Monochromacy



Original Color
BCFF58



Achromatopsia
D8D8D8



Achromatomaly
CEE6A9

CSS Examples

Text

The CSS property to change the color of the text to Hex BCFF58 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 #BCFF58 looks like.

```
.text, #text, p{  
    color:#BCFF58  
}
```

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 #BCFF58 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BCFF58
}
```

Border

The CSS property to change the border of an element to Hex BCFF58 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
#BCFF58 }
```

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

```
.border{ border-color:#BCFF58 }
```

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

Here you see how a box with a 4 pixel #BCFF58 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BCFF58; -webkit-box-shadow:4px 4px  
4px 4px #BCFF58; box-shadow:4px 4px 4px  
4px #BCFF58 }
```

Background

The CSS property to change the background color of an element to Hex BCFF58 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BCFF58 }
```

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

```
.background{ background-color:#BCFF58 }
```

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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