

Converting Colors

Hex(BBFF45)

Have a look what the booklet for
Hex(BBFF45) contains.

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Color

Hex(BBFF45)

Conversions

Conversions Part 1

Format	Color
Hex	BBFF45
RGB	187, 255, 69
RGB Percent	73%, 100%, 27%
CMY	0.2667, 0.0000, 0.7294
CMYK	0.27, 0.00, 0.73, 0.00
HSL	82°, 100%, 64%
HSV	82°, 73%, 100%
XYZ	57.3277, 82.5145, 18.5356
YIQ	213.4640, 19.1780, -72.2620

Conversions

Conversions Part 2

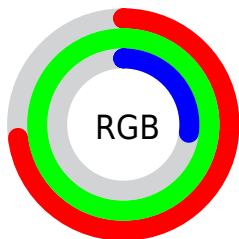
Format	Color
RYB	69, 255, 137
Decimal	12320581
CIELab	92.80, -46.52, 76.74
CIElCh	93, 89.742, 121.222
Yxy	82.5145, 0.3620, 0.5210
Android (android.graphics.Color)	4290510661 (0xFFBBFF45)
YUV	213.4640, -71.2208, -23.2089
Hunter-Lab	90.8375, -46.3139, 51.4880

Details

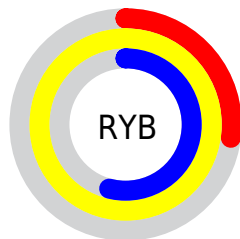
The Hex color **BBFF45** is a light color, and the websafe version is hex **CCFF33**. The color can be described as light washed chartreuse. A complement of this color would be **8945FF**, and the grayscale version is **D6D6D6**.

A 20% lighter version of the original color is **F7FF81**, and **80C600** is the 20% darker color. If you saturate the color by 10%, you get **B2FF2B**, and if you desaturate by 10%, it is **C4FF5E**.

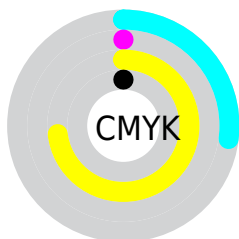
Distribution



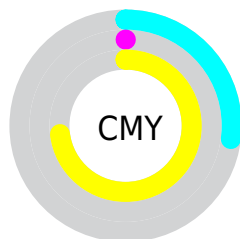
- Red (73%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (54%)



- Cyan (27%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (27%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color BBFF45 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 BBFF45 by changing the saturation by 10% instead.

 BBFF45

 BBFF45

FFFFFF

 9EE221

 F7FF81

 80C600

 FFFF9E

 63AA00

 FFFFBB

 458F00

 FFFFD8

 257500

 FFFFF6

 005C00

 004400

 002D00

 001100

 BBFF45

 BBFF45

 B2FF2B

 C4FF5E

 A8FF12

 CEFF78

 A2FF00

 D7FF92

 E0FFAB

 EAFFC4

 F3FFDE

 FCFFF7

FFFFFF

Harmonies

Analogous

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



FFE719



BBFF45



00FF93

Triad

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



BBFF45



00FFFF



FF95EA

Complementary

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



BBFF45



8945FF

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.



FFABFF



BBFF45



00F3FF

Square

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



BBFF45



00FFFF



EED2FF



FFA396

Rectangle

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



BBFF45



00FFCD



EED2FF



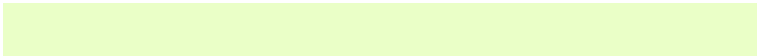
FF98FF

Sweetspot

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



BBFF45



EAFFC7



FF8645



73805E



000000



808080

Same Dimension

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



BBFF45



ADFF1F



61FF45



7B8073



79BF00



284000

Inverse Universe

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



8945FF



711FFF



E345FF



777380



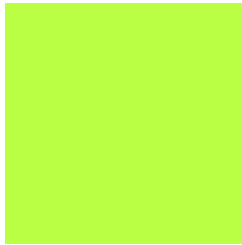
4600BF



170040

Previews

White Background



This preview shows how the Hex color BBFF45 looks on a white background.

Color Contrast Check

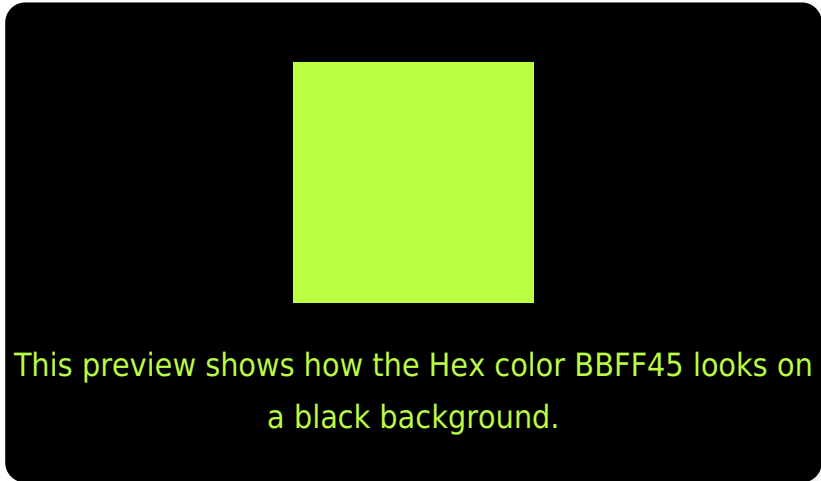
Large Text (above 18pt) WCAG AA × Fail

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 BBFF45 Background



This preview shows how black text looks on a background with the Hex color BBFF45.

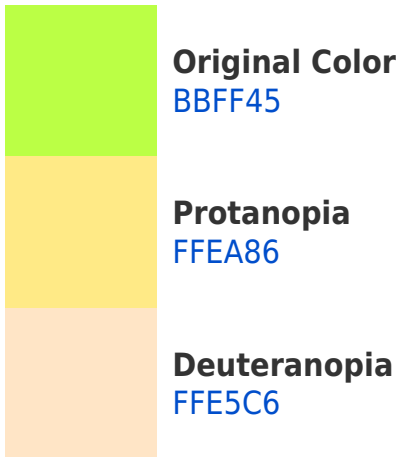


This preview shows how white text looks on a background with the Hex color BBFF45.

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](#).

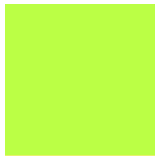
Dichromacy



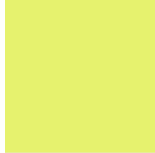


Tritanopia
D3EEFF

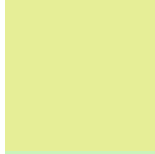
Trichromacy



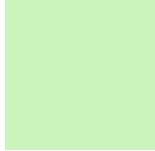
Original Color
BBFF45



Protanomaly
E6F26E

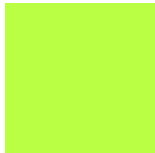


Deuteranomaly
E6EE97

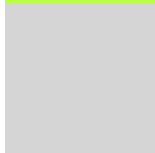


Tritanomaly
CAF4BB

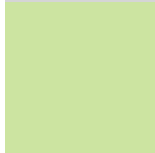
Monochromacy



Original Color
BBFF45



Achromatopsia
D5D5D5



Achromatomaly
CCE4A1

CSS Examples

Text

The CSS property to change the color of the text to Hex BBFF45 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 #BBFF45 looks like.

```
.text, #text, p{  
    color:#BBFF45  
}
```

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 #BBFF45 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #BBFF45
}
```

Border

The CSS property to change the border of an element to Hex BBFF45 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
#BBFF45 }
```

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

```
.border{ border-color:#BBFF45 }
```

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

Here you see how a box with a 4 pixel #BBFF45 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #BBFF45; -webkit-box-shadow:4px 4px  
4px 4px #BBFF45; box-shadow:4px 4px 4px  
4px #BBFF45 }
```

Background

The CSS property to change the background color of an element to Hex BBFF45 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#BBFF45 }
```

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

```
.background{ background-color:#BBFF45 }
```

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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