

# Converting Colors

Hex(B8F300)

Have a look what the booklet for  
Hex(B8F300) contains.

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**Color**

**Hex(B8F300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B8F300
RGB	184, 243, 0
RGB Percent	72%, 95%, 0%
CMY	0.2784, 0.0471, 1.0000
CMYK	0.24, 0.00, 1.00, 0.05
HSL	75°, 100%, 48%
HSV	75°, 100%, 95%
XYZ	51.8178, 74.2915, 11.6086
YIQ	197.6570, 42.8390, -88.0810

# Conversions

## Conversions Part 2

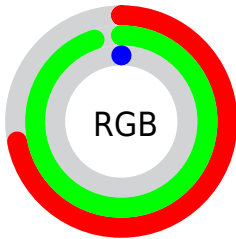
Format	Color
<b>RYB</b>	0, 243, 59
Decimal	12120832
CIELab	89.06, -44.38, 86.30
CIElCh	89, 97.047, 117.216
Yxy	74.2915, 0.3763, 0.5394
Android (android.graphics.Color)	4290310912 (0xFFB8F300)
YUV	197.6570, -97.4449, -11.9772
Hunter-Lab	86.1925, -43.5252, 52.3495

# Details

The Hex color **B8F300** is a dark color, and the websafe version is hex **CCFF00**. The color can be described as middle saturated chartreuse. A complement of this color would be **3B00F3**, and the grayscale version is **C7C7C7**.

A 20% lighter version of the original color is **F5FF5C**, and **7DBB00** is the 20% darker color. If you saturate the color by 10%, you get **B8F300**, and if you desaturate by 10%, it is **BEF318**.

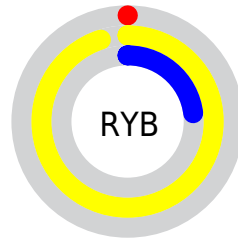
# Distribution



Red (72%)

Green (95%)

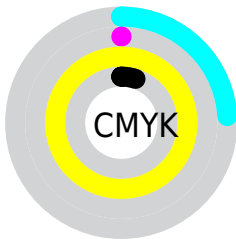
Blue (0%)



Red (0%)

Yellow (95%)

Blue (23%)

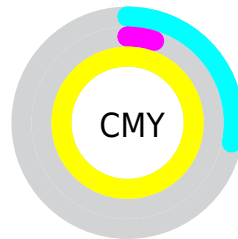


Cyan (24%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (28%)

Magenta (5%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8F300 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 B8F300 by changing the saturation by 10% instead.



 B8F300

 B8F300

FFFFFF

 9AD600

 F5FF5C

 7DBB00

 FFFF7B

 5F9F00

 FFFF99

 418500

 FFFFB6

 1D6B00

 FFFFD4

 005200

 FFFFF2

 003A00

 002500

 000000

 B8F300

 BEF318

 C4F331

 CAF349

 D0F361

 D5F379

 DBF392

 E1F3AA

 E7F3C2

 EDF3DB

# Harmonies

## Analogous

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



FFD900



B8F300



00FF74

# Triad

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



B8F300



00FFFF



FF7DEC

# Complementary

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



B8F300



3B00F3

# 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.



FF9EFF



B8F300



00EEFF

# Square

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



B8F300



00FFFF



CACBFF



FF8A91

# Rectangle

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



B8F300



00FFB3



CACBFF



FF84FF

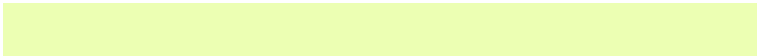


# Sweetspot

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



B8F300



ECFFB3



F33900



748052



000000



808080



# Same Dimension

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



B8F300



C1FF00



41F300



777A6E



8DBA00



2C3B00



# Inverse Universe

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



3B00F3



3E00FF



B200F3



716E7A



2D00BA

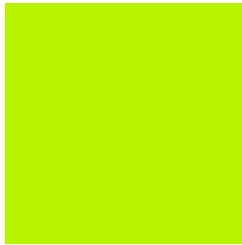


0E003B



# Previews

## White Background



This preview shows how the Hex color B8F300 looks on a white background.

## Color Contrast Check

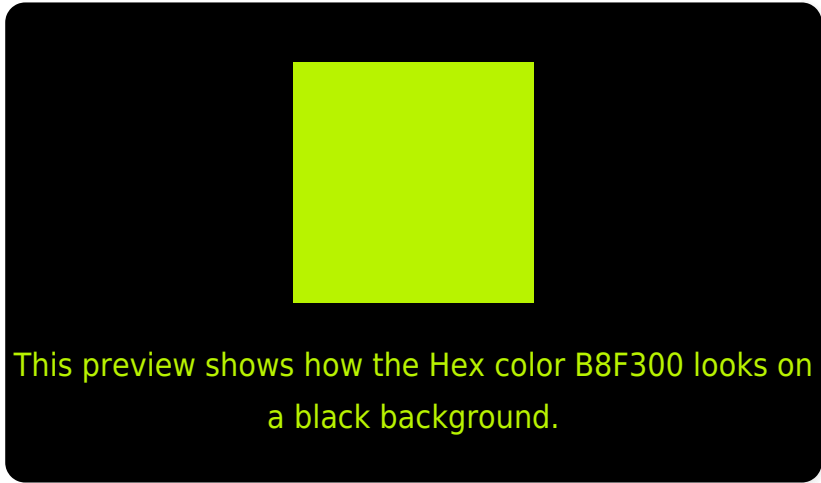
Large Text (above 18pt) WCAG AA × Fail

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 B8F300 Background



This preview shows how black text looks on a background with the Hex color B8F300.



This preview shows how white text looks on a background with the Hex color B8F300.

# 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

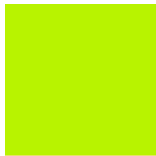


**Original Color**  
B8F300

**Deuteranopia**  
FFD9A2

**Tritanopia**  
CEE2F4

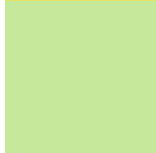
# Trichromacy



**Original Color**  
B8F300

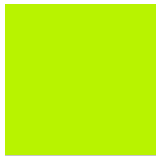


**Deuteranomaly**  
E5E267

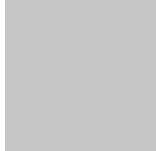


**Tritanomaly**  
C6E89B

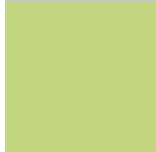
# Monochromacy



**Original Color**  
B8F300



**Achromatopsia**  
C6C6C6



**Achromatomaly**  
C1D67E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8F300 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 #B8F300 looks like.

```
.text, #text, p{  
    color:#B8F300  
}
```

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 #B8F300 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8F300
}
```

## Border

The CSS property to change the border of an element to Hex B8F300 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
#B8F300 }
```

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

```
.border{ border-color:#B8F300 }
```

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

Here you see how a box with a 4 pixel #B8F300 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8F300; -webkit-box-shadow:4px 4px  
4px 4px #B8F300; box-shadow:4px 4px 4px  
4px #B8F300 }
```

# Background

The CSS property to change the background color of an element to Hex B8F300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8F300 }
```

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

```
.background{ background-color:#B8F300 }
```

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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