

Converting Colors

Hex(B8FE12)

Have a look what the booklet for
Hex(B8FE12) contains.

Hex(B8FE12)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(**B8FE12**)

Conversions

Conversions Part 1

Format	Color
Hex	B8FE12
RGB	184, 254, 18
RGB Percent	72%, 100%, 7%
CMY	0.2784, 0.0039, 0.9294
CMYK	0.28, 0.00, 0.93, 0.00
HSL	78°, 99%, 53%
HSV	78°, 93%, 100%
XYZ	55.3182, 81.1176, 13.3140
YIQ	206.1660, 34.0360, -88.2360

Conversions

Conversions Part 2

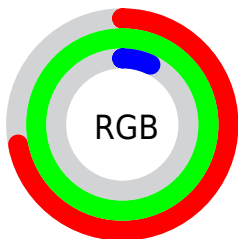
Format	Color
RYB	18, 254, 88
Decimal	12123666
CIELab	92.18, -48.85, 87.26
CIELCh	92, 100.000, 119.243
Yxy	81.1176, 0.3694, 0.5417
Android (android.graphics.Color)	4290313746 (0xFFB8FE12)
YUV	206.1660, -92.7658, -19.4396
Hunter-Lab	90.0653, -47.9796, 54.2812

Details

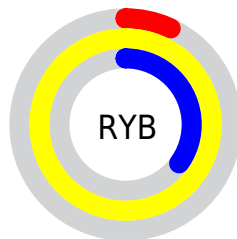
The Hex color **B8FE12** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light washed chartreuse. A complement of this color would be **5812FE**, and the grayscale version is **CFCFCF**.

A 20% lighter version of the original color is **F5FF62**, and **7CC500** is the 20% darker color. If you saturate the color by 10%, you get **B3FE00**, and if you desaturate by 10%, it is **C0FE2B**.

Distribution



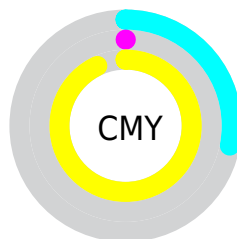
- Red (72%)
- Green (100%)
- Blue (7%)



- Red (7%)
- Yellow (100%)
- Blue (35%)



- Cyan (28%)
- Magenta (0%)
- Yellow (93%)
- Black (0%)



- Cyan (28%)
- Magenta (0%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the Hex color B8FE12 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 B8FE12 by changing the saturation by 10% instead.

 B8FE12

 B8FE12

FFFFFF

 9AE100

 F5FF62

 7CC500

 FFFF81

 5EA900

 FFFF9F

 3F8F00

 FFFFBD

 187400

 FFFFDB

 005B00

 FFFFF9

 004300

 002D00

 000E00

 B8FE12

 B8FE12

 B3FE00

 C0FE2B

 C7FE45

 CFFE5E

 D6FE78

 DEFE91

 E5FEAA

 EDFEC4

 F4FEDD

 FCFEF7

Harmonies

Analogous

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



FFE300



B8FE12



00FF80

Triad

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



B8FE12



00FFFF



FF81EF

Complementary

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



B8FE12



5812FE

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.



FFA1FF



B8FE12



00F5FF

Square

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



B8FE12



00FFFF



DED0FF



FF9291

Rectangle

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



B8FE12



00FFC1



DED0FF



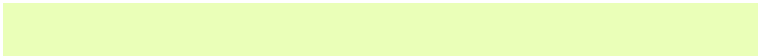
FF88FF

Sweetspot

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



B8FE12



EAFFB8



FE5512



738054



000000



808080

Same Dimension

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



B8FE12



B3FF00



45FE12



7C8073



87BF00



2D4000

Inverse Universe

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



5812FE



4C00FF



CB12FE



777380



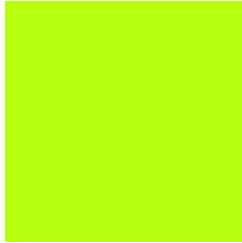
3900BF



130040

Previews

White Background



This preview shows how the Hex color B8FE12 looks on a white background.

Color Contrast Check

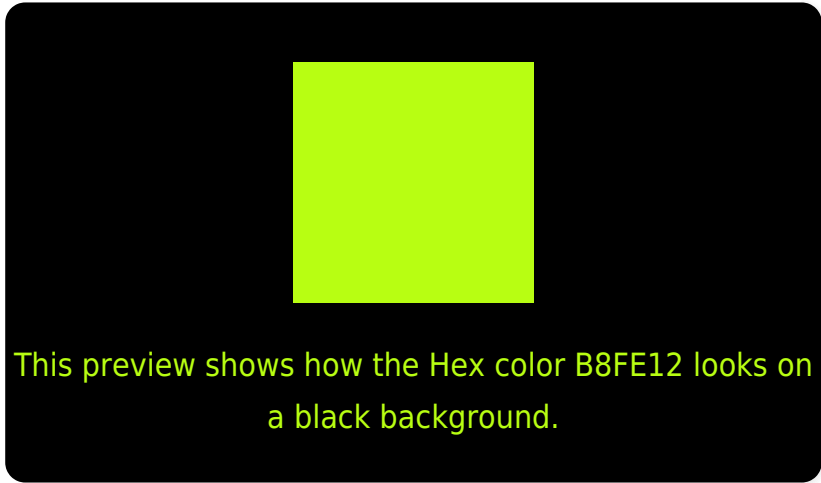
Large Text (above 18pt) WCAG AA × Fail

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 B8FE12 Background



This preview shows how black text looks on a background with the Hex color B8FE12.

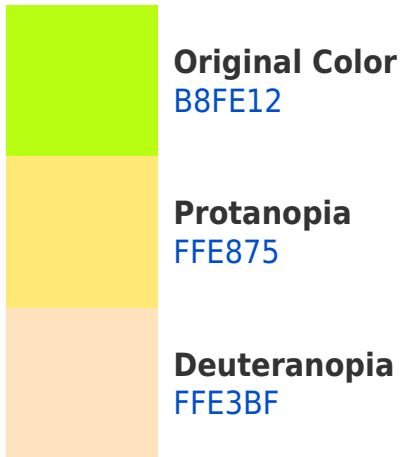


This preview shows how white text looks on a background with the Hex color B8FE12.

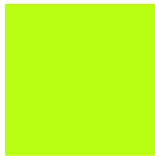
Color Blindness Simulation

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](#).

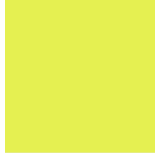
Dichromacy



Trichromacy



Original Color
B8FE12



Protanomaly
E5F051

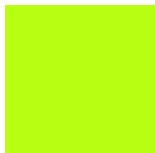


Deuteranomaly
E5ED80

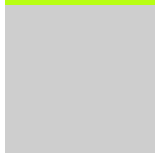


Tritanomaly
C7F3A9

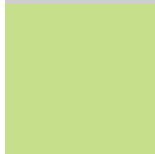
Monochromacy



Original Color
B8FE12



Achromatopsia
CECECE



Achromatomaly
C6DF8A

CSS Examples

Text

The CSS property to change the color of the text to Hex B8FE12 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 #B8FE12 looks like.

```
.text, #text, p{  
    color:#B8FE12  
}
```

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 #B8FE12 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8FE12
}
```

Border

The CSS property to change the border of an element to Hex B8FE12 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
#B8FE12 }
```

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

```
.border{ border-color:#B8FE12 }
```

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

Here you see how a box with a 4 pixel #B8FE12 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8FE12; -webkit-box-shadow:4px 4px  
4px 4px #B8FE12; box-shadow:4px 4px 4px  
4px #B8FE12 }
```

Background

The CSS property to change the background color of an element to Hex B8FE12 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8FE12 }
```

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

```
.background{ background-color:#B8FE12 }
```

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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