

# Converting Colors

Hex(B8DF2F)

Have a look what the booklet for  
Hex(B8DF2F) contains.

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# Color

Hex(**B8DF2F**)

# Conversions

## Conversions Part 1

Format	Color
Hex	B8DF2F
RGB	184, 223, 47
RGB Percent	72%, 87%, 18%
CMY	0.2784, 0.1255, 0.8157
CMYK	0.17, 0.00, 0.79, 0.13
HSL	73°, 73%, 53%
HSV	73°, 79%, 87%
XYZ	46.6679, 63.1709, 12.4229
YIQ	191.2750, 33.2520, -63.0040

# Conversions

## Conversions Part 2

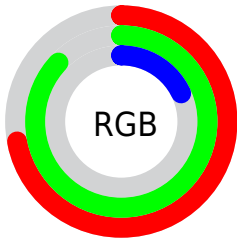
Format	Color
<a href="#">RYB</a>	<a href="#">47, 223, 86</a>
Decimal	<a href="#">12115759</a>
CIELab	<a href="#">83.53, -34.56, 74.60</a>
CIELCh	<a href="#">84, 82.222, 114.858</a>
Yxy	<a href="#">63.1709, 0.3817, 0.5167</a>
Android (android.graphics.Color)	<a href="#">4290305839</a> ( <a href="#">0xFFB8DF2F</a> )
YUV	<a href="#">191.2750, -71.1276, -6.3802</a>
Hunter-Lab	<a href="#">79.4801, -34.2814, 46.3690</a>

# Details

The Hex color **B8DF2F** is a dark color, and the websafe version is hex **99CC00**. The color can be described as middle washed chartreuse. A complement of this color would be **562FDF**, and the grayscale version is **C0C0C0**.

A 20% lighter version of the original color is **F3FF6C**, and **7EA800** is the 20% darker color. If you saturate the color by 10%, you get **B3DF19**, and if you desaturate by 10%, it is **BDDF45**.

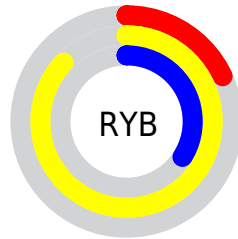
# Distribution



Red (72%)

Green (87%)

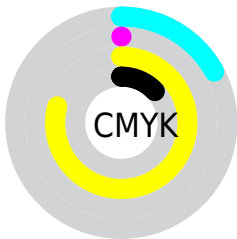
Blue (18%)



Red (18%)

Yellow (87%)

Blue (34%)

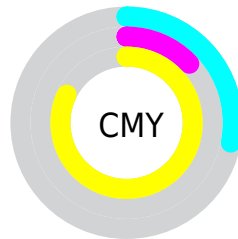


Cyan (17%)

Magenta (0%)

Yellow (79%)

Black (13%)



Cyan (28%)

Magenta (13%)

Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the Hex color B8DF2F 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 B8DF2F by changing the saturation by 10% instead.



 B8DF2F

 B8DF2F

FFFFFF

 9BC300

 F3FF6C

 7EA800

 FFFF89

 628D00

 FFFFA6

 467300

 FFFF83

 285B00

 FFFF80

 034300

FFFFFFE

 002C00

 001500

 000000

 B8DF2F

 B8DF2F

 B3DF19

 BDDF45

 AEDF02

 C2DF5C

 AEDF00

 C7DF72

 CCDF88

 D1DF9E

 D6DFB5

 DBDFCB

 E0DFE1

 E4DFF8

# Harmonies

## Analogous

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



FFC81A



B8DF2F



48ED72

# Triad

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



B8DF2F



00EEFF



FF85E1

# Complementary

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



B8DF2F



562FDF

# 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



B8DF2F



00DDFF

# Square

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



B8DF2F



00F4FF



B7C1FF



FF8B94

# Rectangle

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



B8DF2F



00F2A5



B7C1FF



FF8BFB

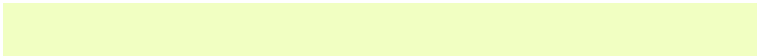


# Sweetspot

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



B8DF2F



F1FFC2



DF552F



77805B



000000



808080



# Same Dimension

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



B8DF2F



C9FF0D



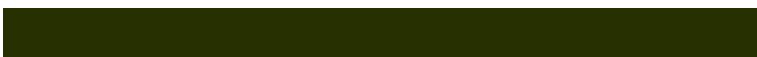
61DF2F



6E7065



89B000



263000



# Inverse Universe

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



562FDF



420DFF



AD2FDF



676570



2700B0

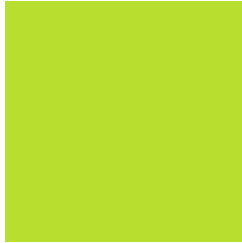


0B0030



# Previews

## White Background



This preview shows how the Hex color B8DF2F looks on a white background.

## Color Contrast Check

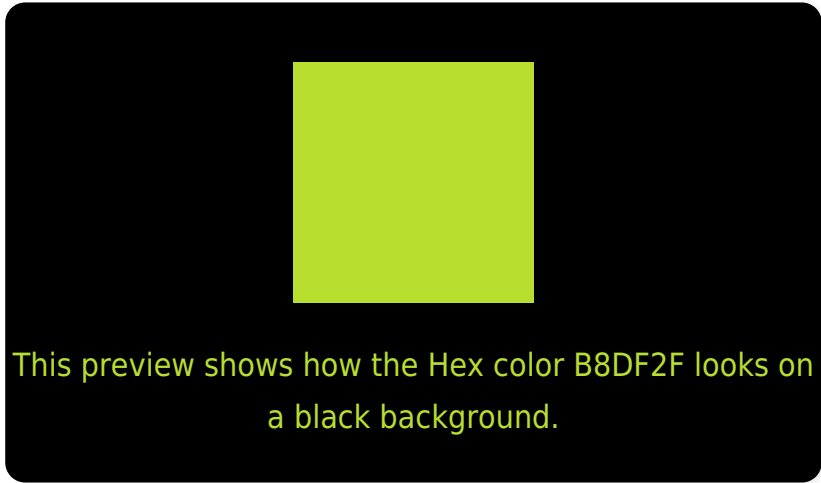
Large Text (above 18pt) WCAG AA × Fail

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 B8DF2F Background



This preview shows how black text looks on a background with the Hex color B8DF2F.

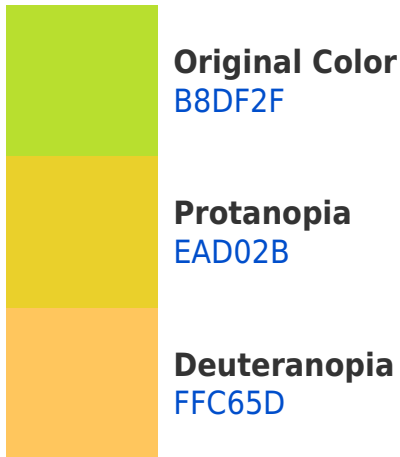


This preview shows how white text looks on a background with the Hex color B8DF2F.

# Color Blindness Simulation

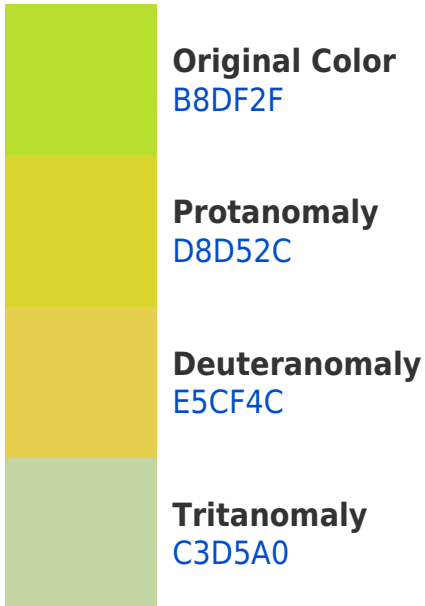
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

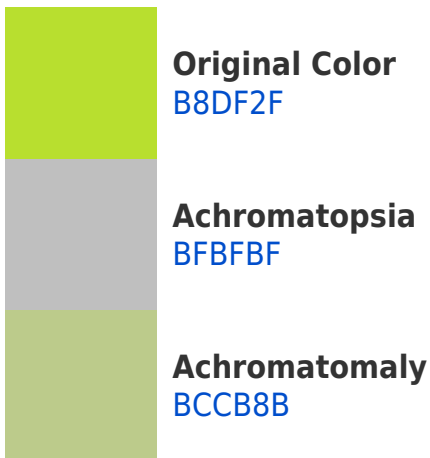




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex B8DF2F 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 #B8DF2F looks like.

```
.text, #text, p{  
    color:#B8DF2F  
}
```

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 #B8DF2F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #B8DF2F
}
```

## Border

The CSS property to change the border of an element to Hex B8DF2F 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
#B8DF2F }
```

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

```
.border{ border-color:#B8DF2F }
```

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

Here you see how a box with a 4 pixel #B8DF2F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #B8DF2F; -webkit-box-shadow:4px 4px  
4px 4px #B8DF2F; box-shadow:4px 4px 4px  
4px #B8DF2F }
```

# Background

The CSS property to change the background color of an element to Hex B8DF2F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#B8DF2F }
```

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

```
.background{ background-color:#B8DF2F }
```

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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