

# Converting Colors

Hex(84EB1D)

Have a look what the booklet for  
Hex(84EB1D) contains.

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**Color**

**Hex(84EB1D)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	84EB1D
RGB	132, 235, 29
RGB Percent	52%, 92%, 11%
CMY	0.4824, 0.0784, 0.8863
CMYK	0.44, 0.00, 0.88, 0.08
HSL	90°, 84%, 52%
HSV	90°, 88%, 92%
XYZ	39.4458, 64.4109, 11.5159
YIQ	180.7190, 4.7380, -85.9020

# Conversions

## Conversions Part 2

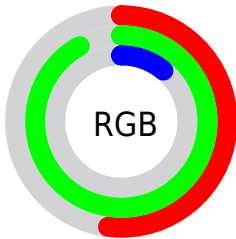
Format	Color
<a href="#">RYB</a>	<a href="#">29, 235, 132</a>
Decimal	<a href="#">8710941</a>
CIELab	<a href="#">84.18, -58.85, 78.14</a>
CIElCh	<a href="#">84, 97.823, 126.985</a>
Yxy	<a href="#">64.4109, 0.3419, 0.5583</a>
Android (android.graphics.Color)	<a href="#">4286901021 (0xFF84EB1D)</a>
YUV	<a href="#">180.7190, -74.7975, -42.7266</a>
Hunter-Lab	<a href="#">80.2564, -52.7164, 47.6720</a>

# Details

The Hex color **84EB1D** is a dark color, and the websafe version is hex **99FF33**. The color can be described as dark washed chartreuse. A complement of this color would be **841DEB**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **C0FF62**, and **44B200** is the 20% darker color. If you saturate the color by 10%, you get **78EB06**, and if you desaturate by 10%, it is **90EB35**.

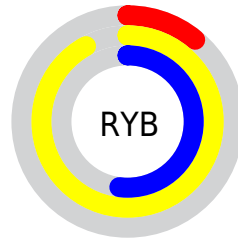
# Distribution



Red (52%)

Green (92%)

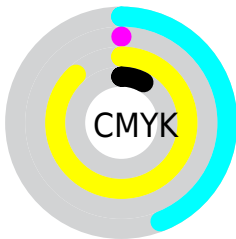
Blue (11%)



Red (11%)

Yellow (92%)

Blue (52%)

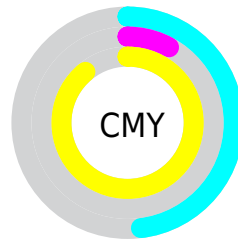


Cyan (44%)

Magenta (0%)

Yellow (88%)

Black (8%)



Cyan (48%)

Magenta (8%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84EB1D 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 84EB1D by changing the saturation by 10% instead.



 84EB1D

 84EB1D

FFFFFF

 65CE00

 C0FF62

 44B200

 DFFF80

 1B9700

 FFFF9D

 007C00

 FFFFBA

 006200

 FFFFD8

 004900

 FFFFF6

 003200

 001700

 000000

 84EB1D

 84EB1D

 78EB06

 90EB35

 76EB00

 9BEB4C

 A7EB64

 B3EB7B

 BFEB93

 CBEBAA

 D6EBC2

 E2EBD9

 EEEBF1

# Harmonies

## Analogous

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



E8D500



84EB1D



00F785

# Triad

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



84EB1D



00EFFF



FF69C0

# Complementary

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



84EB1D



841DEB

# 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.



FF80FF



84EB1D



00D6FF

# Square

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



84EB1D



00FAFF



EDAFFF



FF8668

# Rectangle

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



84EB1D



00FAC5



EDAFFF



FF6BDF

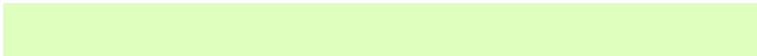


# Sweetspot

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



84EB1D



DEFFBD



EB841D



6C8058



000000



808080



# Same Dimension

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



84EB1D



80FF00



1DEB1D



6F756A



5BB500



1B3600



# Inverse Universe

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



841DEB



8000FF



EB1DEB



6F6A75



5B00B5

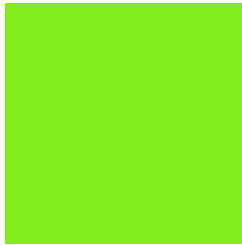


1B0036



# Previews

## White Background



This preview shows how the Hex color 84EB1D looks on a white background.

## Color Contrast Check

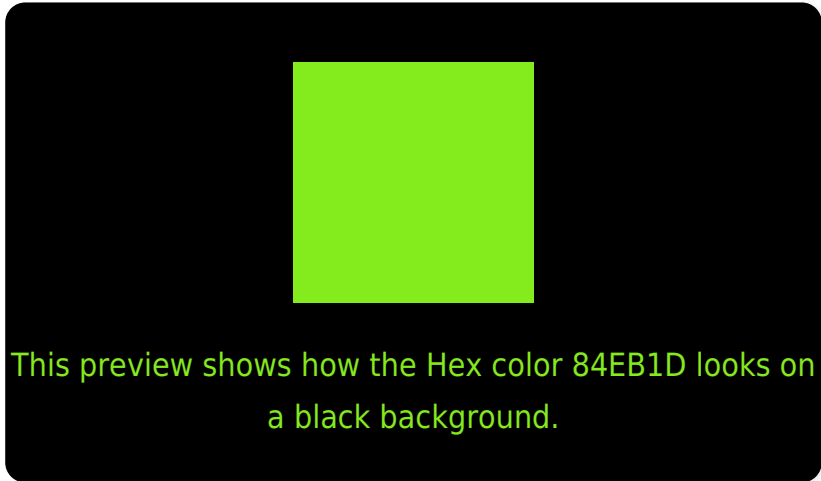
Large Text (above 18pt) WCAG AA × Fail

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

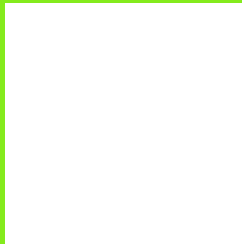
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 84EB1D Background



This preview shows how black text looks on a background with the Hex color 84EB1D.

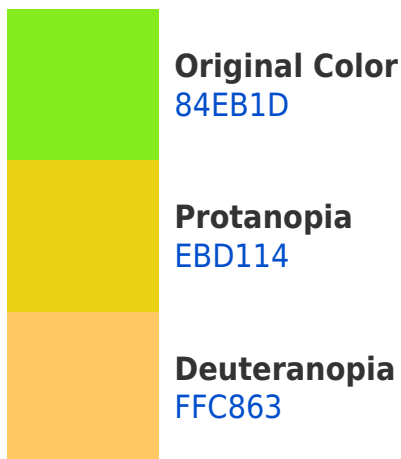


This preview shows how white text looks on a background with the Hex color 84EB1D.

# Color Blindness Simulation

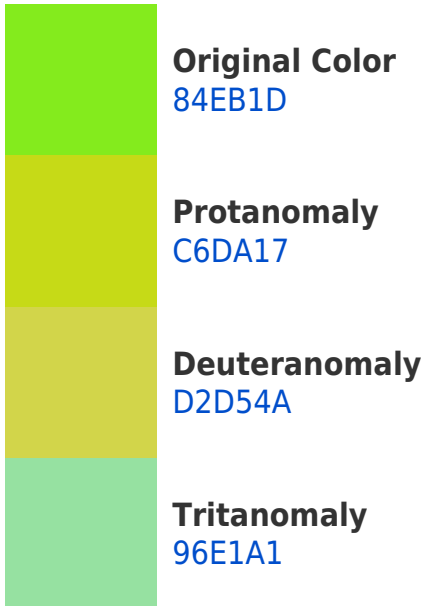
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

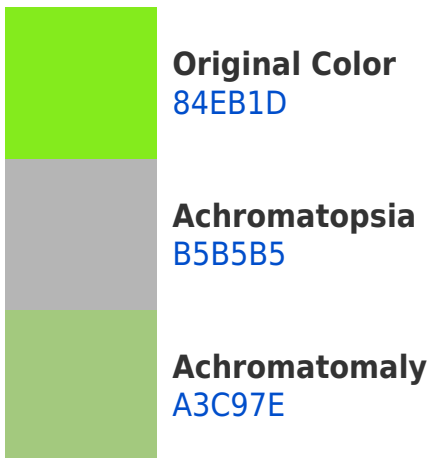




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84EB1D 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 #84EB1D looks like.

```
.text, #text, p{  
    color:#84EB1D  
}
```

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 #84EB1D colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84EB1D
}
```

## Border

The CSS property to change the border of an element to Hex 84EB1D 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
#84EB1D }
```

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

```
.border{ border-color:#84EB1D }
```

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

Here you see how a box with a 4 pixel #84EB1D colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84EB1D; -webkit-box-shadow:4px 4px  
4px 4px #84EB1D; box-shadow:4px 4px 4px  
4px #84EB1D }
```

# Background

The CSS property to change the background color of an element to Hex 84EB1D is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84EB1D }
```

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

```
.background{ background-color:#84EB1D }
```

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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