

# Converting Colors

Hex(84E41C)

Have a look what the booklet for  
Hex(84E41C) contains.

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**Color**

**Hex(84E41C)**

# Conversions

## Conversions Part 1

Format	Color
Hex	84E41C
RGB	132, 228, 28
RGB Percent	52%, 89%, 11%
CMY	0.4824, 0.1059, 0.8902
CMYK	0.42, 0.00, 0.88, 0.11
HSL	89°, 79%, 50%
HSV	89°, 88%, 89%
XYZ	37.4687, 60.4762, 10.7969
YIQ	176.4960, 6.9840, -82.5520

# Conversions

## Conversions Part 2

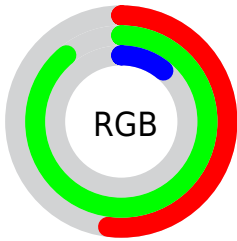
Format	Color
<a href="#">RYB</a>	<a href="#">28, 228, 124</a>
Decimal	<a href="#">8709148</a>
CIELab	<a href="#">82.10, -56.21, 76.56</a>
CIELCh	<a href="#">82, 94.980, 126.286</a>
Yxy	<a href="#">60.4762, 0.3446, 0.5561</a>
Android (android.graphics.Color)	<a href="#">4286899228 (0xFF84E41C)</a>
YUV	<a href="#">176.4960, -73.2085, -39.0230</a>
Hunter-Lab	<a href="#">77.7664, -50.0880, 46.2048</a>

# Details

The Hex color **84E41C** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7C1CE4**, and the grayscale version is **B1B1B1**.

A 20% lighter version of the original color is **C0FF61**, and **46AC00** is the 20% darker color. If you saturate the color by 10%, you get **79E405**, and if you desaturate by 10%, it is **8FE433**.

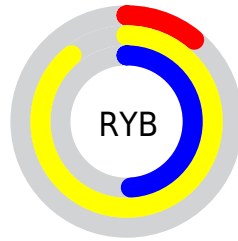
# Distribution



Red (52%)

Green (89%)

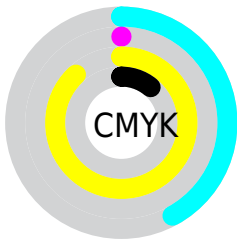
Blue (11%)



Red (11%)

Yellow (89%)

Blue (49%)

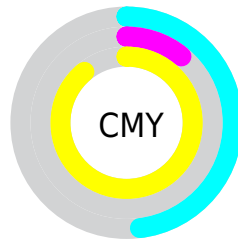


Cyan (42%)

Magenta (0%)

Yellow (88%)

Black (11%)



Cyan (48%)

Magenta (11%)

Yellow (89%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 84E41C 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 84E41C by changing the saturation by 10% instead.



 84E41C

 84E41C

FFFFFF

 66C800

 C0FF61

 46AC00

 DEFF7E

 1F9100

 FDFF9B

 007600

 FFFFB8

 005D00

 FFFFD6

 004400

 FFFFF4

 002D00

 000E00

 000000

 84E41C

 84E41C

 79E405

 8FE433

 77E400

 9AE44A

 A5E460

 B0E477

 BBE48E

 C6E4A5

 D1E4BC

 DCE4D2

 E6E4E9

# Harmonies

## Analogous

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



E3CE00



84E41C



00F080

# Triad

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



84E41C



00E8FF



FF68BD

# Complementary

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



84E41C



7C1CE4

# 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.



FF7EFF



84E41C



00D1FF

# Square

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



84E41C



00F3FF



E4ABFF



FF8267

# Rectangle

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



84E41C



00F3BE



E4ABFF



FF6ADB

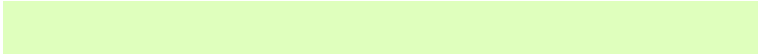


# Sweetspot

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



84E41C



DFFFBD



E4791C



6D8058



000000



808080



# Same Dimension

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



84E41C



85FF00



23E41C



6D7367



5DB300



1B3300



# Inverse Universe

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



7C1CE4



7A00FF



DD1CE4



6D6773



5600B3

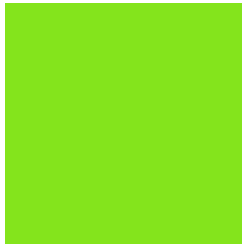


180033



# Previews

## White Background



This preview shows how the Hex color 84E41C looks on a white background.

## Color Contrast Check

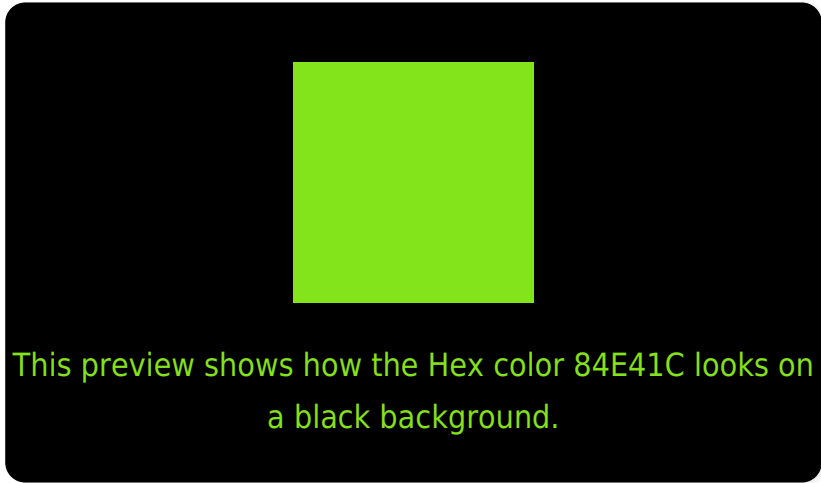
Large Text (above 18pt) WCAG AA × Fail

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 84E41C Background



This preview shows how black text looks on a background with the Hex color 84E41C.

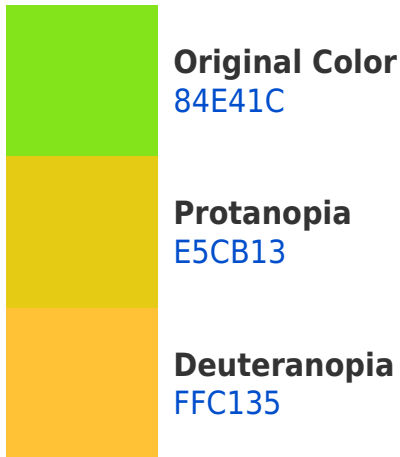


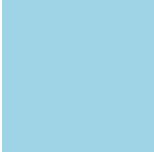
This preview shows how white text looks on a background with the Hex color 84E41C.

# 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**  
9ED4E5

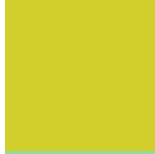
# Trichromacy



**Original Color**  
84E41C



**Protanomaly**  
C2D416



**Deuteranomaly**  
D2CE2C

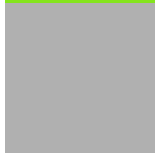


**Tritanomaly**  
95DA9C

# Monochromacy



**Original Color**  
84E41C



**Achromatopsia**  
B0B0B0



**Achromatomaly**  
A0C37A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 84E41C 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 #84E41C looks like.

```
.text, #text, p{  
    color:#84E41C  
}
```

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 #84E41C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84E41C
}
```

## Border

The CSS property to change the border of an element to Hex 84E41C 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
#84E41C }
```

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

```
.border{ border-color:#84E41C }
```

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

Here you see how a box with a 4 pixel #84E41C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84E41C; -webkit-box-shadow:4px 4px  
4px 4px #84E41C; box-shadow:4px 4px 4px  
4px #84E41C }
```

# Background

The CSS property to change the background color of an element to Hex 84E41C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84E41C }
```

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

```
.background{ background-color:#84E41C }
```

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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