

Converting Colors

Hex(86FF44)

Have a look what the booklet for
Hex(86FF44) contains.

Hex(86FF44)	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(86FF44)

Conversions

Conversions Part 1

Format	Color
Hex	86FF44
RGB	134, 255, 68
RGB Percent	53%, 100%, 27%
CMY	0.4745, 0.0000, 0.7333
CMYK	0.47, 0.00, 0.73, 0.00
HSL	99°, 100%, 63%
HSV	99°, 73%, 100%
XYZ	46.6349, 77.0057, 17.8745
YIQ	197.5030, -12.0890, -83.8090

Conversions

Conversions Part 2

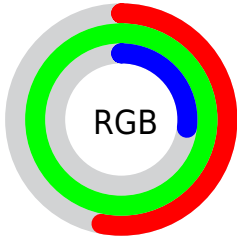
Format	Color
RYB	68, 255, 189
Decimal	8847172
CIELab	90.32, -63.93, 73.81
CIELCh	90, 97.647, 130.900
Yxy	77.0057, 0.3295, 0.5442
Android (android.graphics.Color)	4287037252 (0xFF86FF44)
YUV	197.5030, -63.8450, -55.6921
Hunter-Lab	87.7529, -58.7065, 49.3502

Details

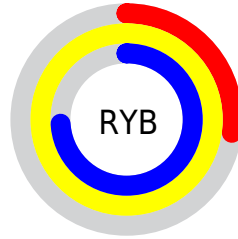
The Hex color **86FF44** is a light color, and the websafe version is hex **99FF33**. The color can be described as light washed chartreuse. A complement of this color would be **BD44FF**, and the grayscale version is **C6C6C6**.

A 20% lighter version of the original color is **C3FF7F**, and **45C500** is the 20% darker color. If you saturate the color by 10%, you get **75FF2A**, and if you desaturate by 10%, it is **97FF5D**.

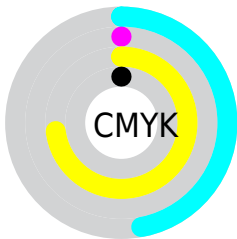
Distribution



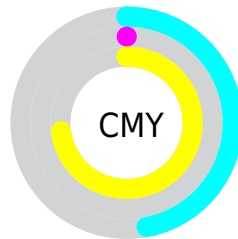
- Red (53%)
- Green (100%)
- Blue (27%)



- Red (27%)
- Yellow (100%)
- Blue (74%)



- Cyan (47%)
- Magenta (0%)
- Yellow (73%)
- Black (0%)



- Cyan (47%)
- Magenta (0%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the Hex color 86FF44 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 86FF44 by changing the saturation by 10% instead.

 86FF44

 86FF44

FFFFFF

 67E220

 C3FF7F

 45C500

 E2FF9C

 16A900

 FFFFB9

 008E00

 FFFFD6


 007300

 FFFFF4

 005900

 004000

 002900

 000200

 86FF44

 86FF44

 75FF2A

 97FF5D

 65FF11

 A7FF77

 5AFF00

 B8FF91

 C8FFAA

 D9FFC3

 E9FFDD

 FAFFF6

FFFFFF

Harmonies

Analogous

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



F0EA00



86FF44



00FFA2

Triad

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



86FF44



00FEFF



FF80C5

Complementary

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



86FF44



BD44FF

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.



FF8EFF



86FF44



19E3FF

Square

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



86FF44



00FFFF



FFBAFF



FF9E6D

Rectangle

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



86FF44



00FFE3



FFBAFF



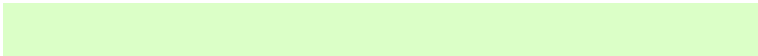
FF7FE5

Sweetspot

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



86FF44



DBFFC7



FFBA44



6A805E



000000



808080

Same Dimension

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



86FF44



6EFF1F



44FF5D



778073



44BF00



174000

Inverse Universe

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



BD44FF



B01FFF



FF44E6



7B7380



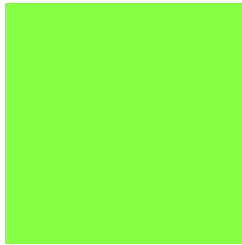
7C00BF



290040

Previews

White Background



This preview shows how the Hex color 86FF44 looks on a white background.

Color Contrast Check

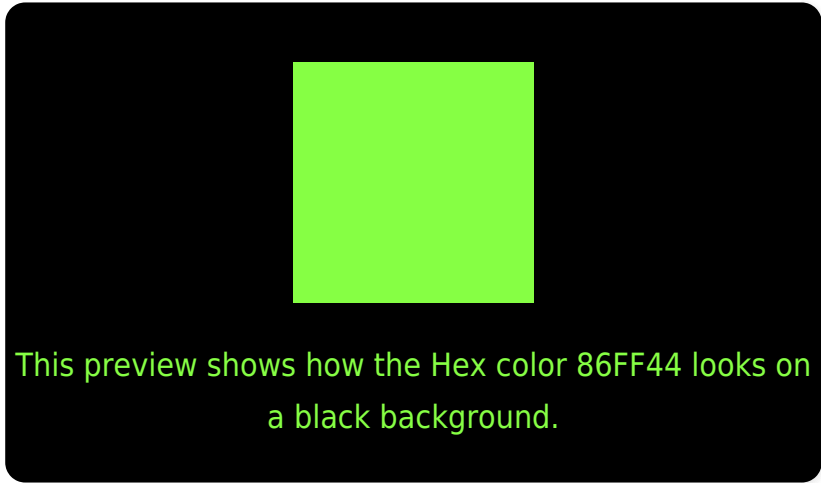
Large Text (above 18pt) WCAG AA × Fail

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

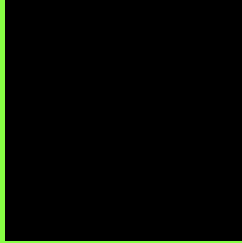
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

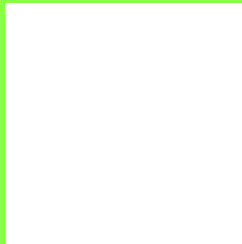
Any Text WCAG AAA ✓ Pass

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

Hex 86FF44 Background



This preview shows how black text looks on a background with the Hex color 86FF44.

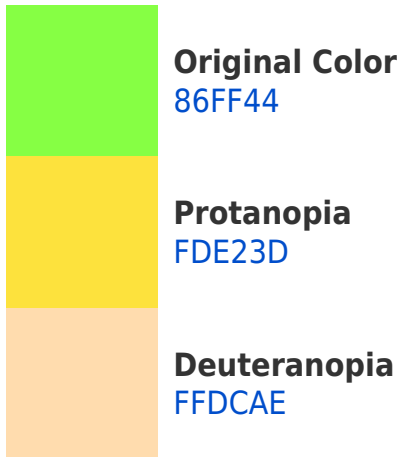


This preview shows how white text looks on a background with the Hex color 86FF44.

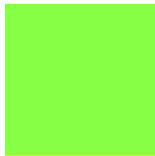
Color Blindness Simulation

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



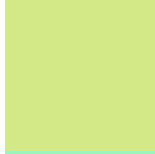
Trichromacy



Original Color
86FF44



Protanomaly
D2ED40

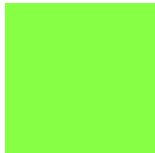


Deuteranomaly
D3E987

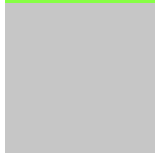


Tritanomaly
9DF4BB

Monochromacy



Original Color
86FF44



Achromatopsia
C6C6C6



Achromatomaly
AFDB97

CSS Examples

Text

The CSS property to change the color of the text to Hex 86FF44 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 #86FF44 looks like.

```
.text, #text, p{  
    color:#86FF44  
}
```

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 #86FF44 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #86FF44
}
```

Border

The CSS property to change the border of an element to Hex 86FF44 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
#86FF44 }
```

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

```
.border{ border-color:#86FF44 }
```

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

Here you see how a box with a 4 pixel #86FF44 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #86FF44; -webkit-box-shadow:4px 4px  
4px 4px #86FF44; box-shadow:4px 4px 4px  
4px #86FF44 }
```

Background

The CSS property to change the background color of an element to Hex 86FF44 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#86FF44 }
```

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

```
.background{ background-color:#86FF44 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor