

Converting Colors

Hex(84FF65)

Have a look what the booklet for
Hex(84FF65) contains.

Hex(84FF65)	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(84FF65)

Conversions

Conversions Part 1

Format	Color
Hex	84FF65
RGB	132, 255, 101
RGB Percent	52%, 100%, 40%
CMY	0.4824, 0.0000, 0.6039
CMYK	0.48, 0.00, 0.60, 0.00
HSL	108°, 100%, 70%
HSV	108°, 60%, 100%
XYZ	47.6247, 77.3651, 24.7348
YIQ	200.6670, -23.8740, -73.9700

Conversions

Conversions Part 2

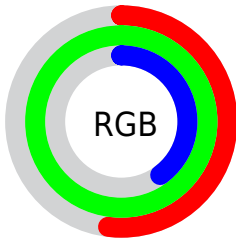
Format	Color
RYB	101, 255, 224
Decimal	8716133
CIELab	90.49, -61.87, 61.57
CIElCh	90, 87.288, 135.142
Yxy	77.3651, 0.3181, 0.5167
Android (android.graphics.Color)	4286906213 (0xFF84FF65)
YUV	200.6670, -49.1358, -60.2210
Hunter-Lab	87.9574, -57.2764, 44.8971

Details

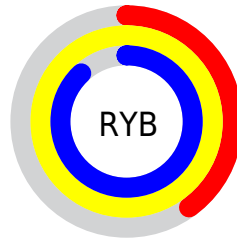
The Hex color **84FF65** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E065FF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **C0FF9D**, and **44C52C** is the 20% darker color. If you saturate the color by 10%, you get **70FF4B**, and if you desaturate by 10%, it is **98FF7E**.

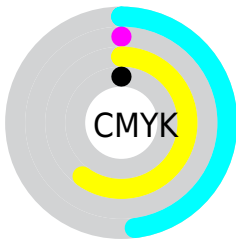
Distribution



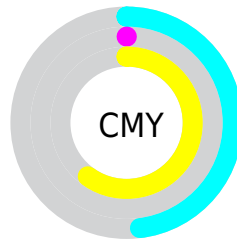
- Red (52%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (88%)



- Cyan (48%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84FF65 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 84FF65 by changing the saturation by 10% instead.

 84FF65

 84FF65

FFFFFF

 65E249

 C0FF9D

 44C52C

 DFFFB9


 18A900

 FDFFD6

 008E00

 FFFFF3

 007300

 005A00

 004100

 002900

 000300

 84FF65

 84FF65

 70FF4B

 98FF7E

 5BFF32

 ADF98

 47FF18

 C1FFB2

 33FF00

 D5FFCB

 EAFFE4

FEFFFE

FFFFFF

Harmonies

Analogous

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



E6ED25



84FF65



00FFB6

Triad

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



84FF65



00F9FF



FF93BD

Complementary

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



84FF65



E065FF

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.



FF99FF



84FF65



8CDFFF

Square

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



84FF65



00FFFF



FFBAFF



FFAE70

Rectangle

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



84FF65



00FFF0



FFBAFF



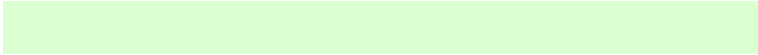
FF91D9

Sweetspot

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



84FF65



DAFFD1



FFDE65



698063



000000



808080

Same Dimension

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



84FF65



6CFF47



65FF91



758073



26BF00



0D4000

Inverse Universe

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



E065FF



DA47FF



FF65D3



7D7380



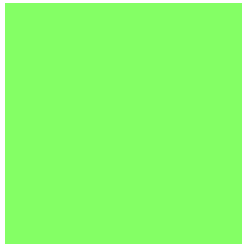
9900BF



330040

Previews

White Background



This preview shows how the Hex color 84FF65 looks on a white background.

Color Contrast Check

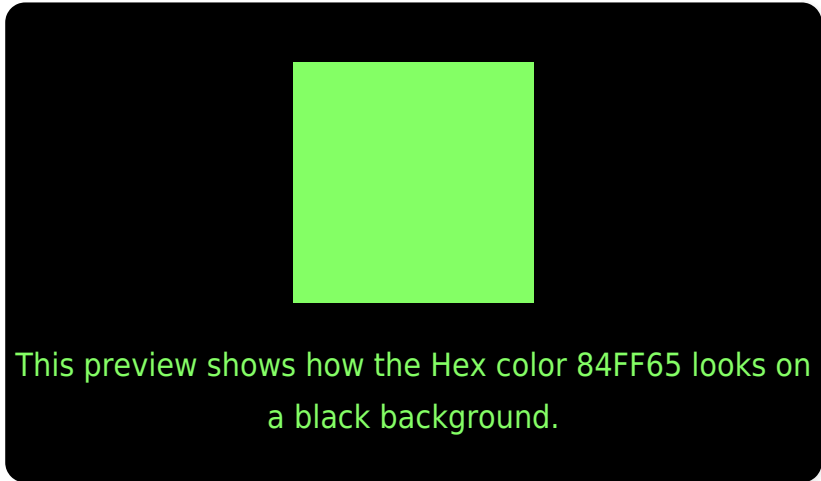
Large Text (above 18pt) WCAG AA × Fail

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

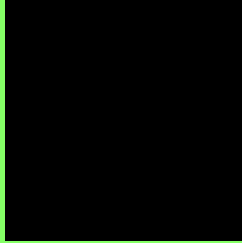
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

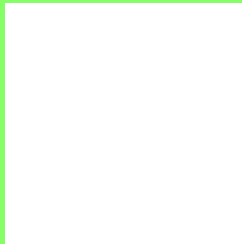
Any Text WCAG AAA ✓ Pass

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

Hex 84FF65 Background



This preview shows how black text looks on a background with the Hex color 84FF65.



This preview shows how white text looks on a background with the Hex color 84FF65.

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](#).

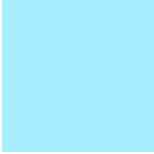
Dichromacy



Original Color
84FF65

Protanopia
FCE25D

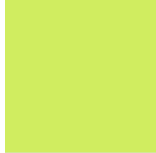
Deuteranopia
FFDDB2



Trichromacy



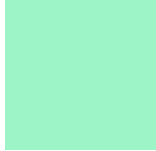
Original Color
84FF65



Protanomaly
D0ED60

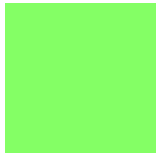


Deuteranomaly
D2E996

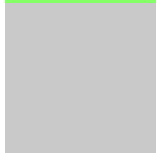


Tritanomaly
9CF4C7

Monochromacy



Original Color
84FF65



Achromatopsia
C9C9C9



Achromatomaly
B0DDA5

CSS Examples

Text

The CSS property to change the color of the text to Hex 84FF65 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 #84FF65 looks like.

```
.text, #text, p{  
    color:#84FF65  
}
```

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 #84FF65 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FF65
}
```

Border

The CSS property to change the border of an element to Hex 84FF65 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
#84FF65 }
```

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

```
.border{ border-color:#84FF65 }
```

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

Here you see how a box with a 4 pixel #84FF65 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FF65; -webkit-box-shadow:4px 4px  
4px 4px #84FF65; box-shadow:4px 4px 4px  
4px #84FF65 }
```

Background

The CSS property to change the background color of an element to Hex 84FF65 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FF65 }
```

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

```
.background{ background-color:#84FF65 }
```

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