

Converting Colors

Hex(84FF75)

Have a look what the booklet for
Hex(84FF75) contains.

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Color

Hex(84FF75)

Conversions

Conversions Part 1

Format	Color
Hex	84FF75
RGB	132, 255, 117
RGB Percent	52%, 100%, 46%
CMY	0.4824, 0.0000, 0.5412
CMYK	0.48, 0.00, 0.54, 0.00
HSL	113°, 100%, 73%
HSV	113°, 54%, 100%
XYZ	48.4866, 77.7099, 29.2736
YIQ	202.4910, -29.0100, -68.9940

Conversions

Conversions Part 2

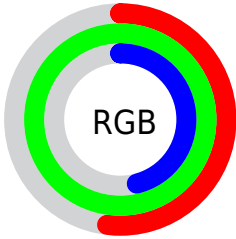
Format	Color
RYB	117, 255, 240
Decimal	8716149
CIELab	90.65, -60.17, 54.79
CIELCh	91, 81.382, 137.680
Yxy	77.7099, 0.3119, 0.4998
Android (android.graphics.Color)	4286906229 (0xFF84FF75)
YUV	202.4910, -42.1471, -61.8206
Hunter-Lab	88.1532, -56.0884, 42.0184

Details

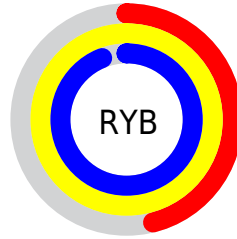
The Hex color **84FF75** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **F075FF**, and the grayscale version is **CBCBCB**.

A 20% lighter version of the original color is **C0FFAC**, and **45C53F** is the 20% darker color. If you saturate the color by 10%, you get **6DFF5B**, and if you desaturate by 10%, it is **9BFF8F**.

Distribution



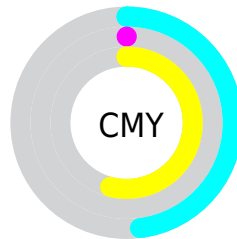
- Red (52%)
- Green (100%)
- Blue (46%)



- Red (46%)
- Yellow (100%)
- Blue (94%)



- Cyan (48%)
- Magenta (0%)
- Yellow (54%)
- Black (0%)



- Cyan (48%)
- Magenta (0%)
- Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84FF75 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 84FF75 by changing the saturation by 10% instead.


 84FF75

FFFFFF

 C0FFAC

 DEFFC8

 FCFE5

 84FF75

 66E25A

 45C53F

 1BA922

 008E00

 007300

 005A00

 004100

 002A00

 000400

 84FF75

 84FF75

 6DFF5B

 9BFF8F

 57FF42

 B1FFA8

 40FF28

 C8FFC2

 29FF0F

 DFFFFB

 1CFF00

 F6FFF4

FFFFFF

Harmonies

Analogous

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



E1EE3F



84FF75



00FFC0

Triad

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



84FF75



00F6FF



FF9DB9

Complementary

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



84FF75



F075FF

Split Complementary

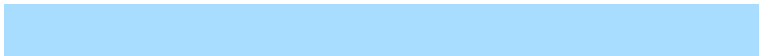
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9FFF



84FF75



A8DDFF

Square

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



84FF75



00FFFF



FFBBFF



FFB673

Rectangle

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



84FF75



00FFF7



FFBBFF



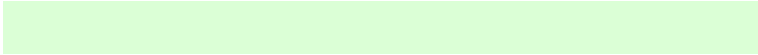
FF9AD3

Sweetspot

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



84FF75



DBFFD6



FFEF75



6A8067



000000



808080

Same Dimension

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



84FF75



6BFF59



75FFAA



748073



15BF00



074000

Inverse Universe

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



F075FF



ED59FF



FF75CA



7E7380



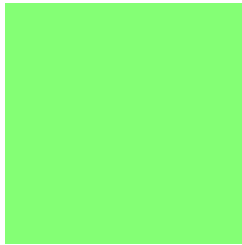
AA00BF



390040

Previews

White Background



This preview shows how the Hex color 84FF75 looks on a white background.

Color Contrast Check

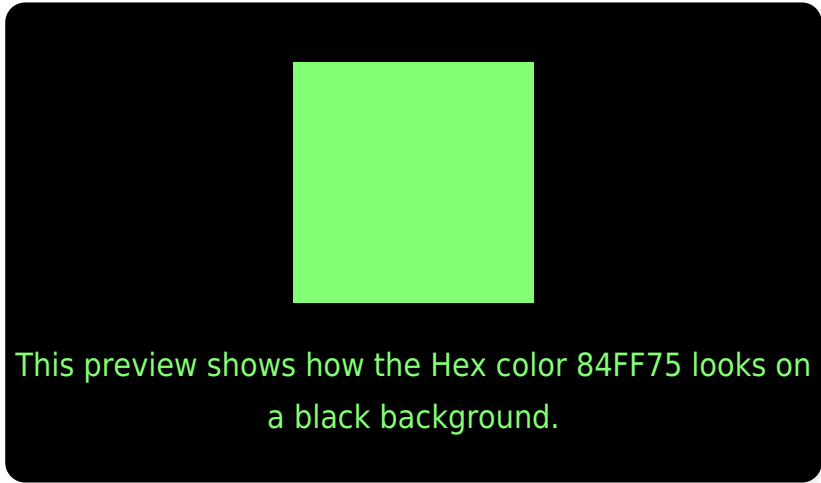
Large Text (above 18pt) WCAG AA × Fail

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

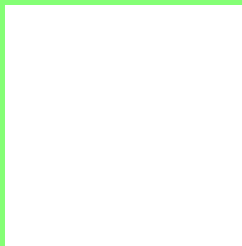
Any Text WCAG AAA ✓ Pass

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

Hex 84FF75 Background



This preview shows how black text looks on a background with the Hex color 84FF75.

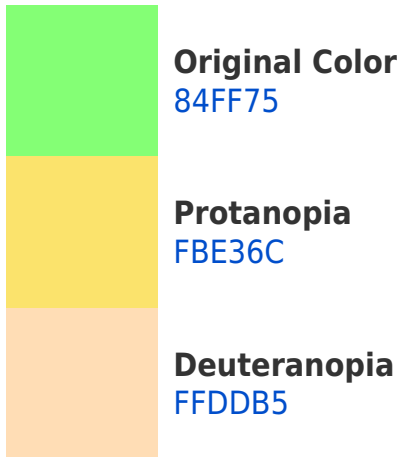


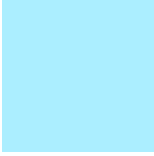
This preview shows how white text looks on a background with the Hex color 84FF75.

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](#).

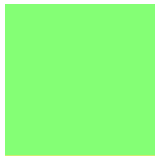
Dichromacy



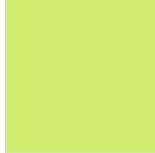


Tritanopia
ABEEFF

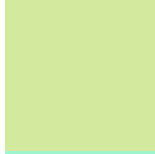
Trichromacy



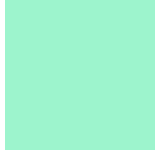
Original Color
84FF75



Protanomaly
D0ED6F



Deuteranomaly
D2E99E

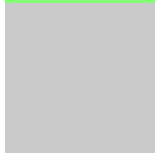


Tritanomaly
9DF4CD

Monochromacy



Original Color
84FF75



Achromatopsia
CACACA



Achromatomaly
B1DDAB

CSS Examples

Text

The CSS property to change the color of the text to Hex 84FF75 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 #84FF75 looks like.

```
.text, #text, p{  
    color:#84FF75  
}
```

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 #84FF75 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84FF75  
}
```

Border

The CSS property to change the border of an element to Hex 84FF75 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  
#84FF75 }
```

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

```
.border{ border-color:#84FF75 }
```

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

Here you see how a box with a 4 pixel #84FF75 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84FF75; -webkit-box-shadow:4px 4px  
4px 4px #84FF75; box-shadow:4px 4px 4px  
4px #84FF75 }
```

Background

The CSS property to change the background color of an element to Hex 84FF75 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84FF75 }
```

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

```
.background{ background-color:#84FF75 }
```

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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