

Converting Colors

Hex(82FF66)

Have a look what the booklet for
Hex(82FF66) contains.

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Color

Hex(82FF66)

Conversions

Conversions Part 1

Format	Color
Hex	82FF66
RGB	130, 255, 102
RGB Percent	51%, 100%, 40%
CMY	0.4902, 0.0000, 0.6000
CMYK	0.49, 0.00, 0.60, 0.00
HSL	109°, 100%, 70%
HSV	109°, 60%, 100%
XYZ	47.3642, 77.2251, 24.9800
YIQ	200.1830, -25.3870, -74.0830

Conversions

Conversions Part 2

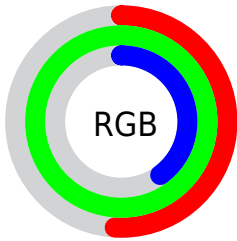
Format	Color
RYB	102, 255, 227
Decimal	8585062
CIELab	90.43, -62.32, 61.06
CIELCh	90, 87.247, 135.588
Yxy	77.2251, 0.3167, 0.5163
Android (android.graphics.Color)	4286775142 (0xFF82FF66)
YUV	200.1830, -48.4042, -61.5505
Hunter-Lab	87.8778, -57.5787, 44.6608

Details

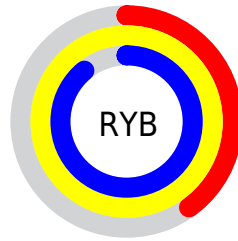
The Hex color **82FF66** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **E366FF**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **BEFF9D**, and **41C52D** is the 20% darker color. If you saturate the color by 10%, you get **6DFF4D**, and if you desaturate by 10%, it is **97FF80**.

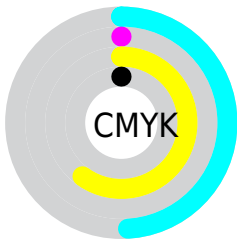
Distribution



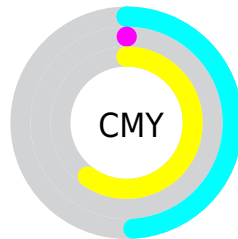
- Red (51%)
- Green (100%)
- Blue (40%)



- Red (40%)
- Yellow (100%)
- Blue (89%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)
- Black (0%)



- Cyan (49%)
- Magenta (0%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the Hex color 82FF66 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 82FF66 by changing the saturation by 10% instead.

 82FF66

 82FF66

FFFFFF

 63E24A

 BEFF9D

 41C52D

 DDFBBA

 12A902

 FBFFD7

 008E00

 FFFFF4

 007300

 005900

 004000

 002900

 000300

 82FF66

 82FF66

 6DFF4D

 97FF80

 58FF33

 ACFF99

 43FF19

 C1FFB3

 2FFF00

 D5FFCC

 EAFFE6

FFFFFF

Harmonies

Analogous

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



E4ED25



82FF66



00FFB7

Triad

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



82FF66



00F8FF



FF93BC

Complementary

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



82FF66



E366FF

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



82FF66



8FDEFF

Square

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



82FF66



00FFFF



FFBAFF



FFAE6F

Rectangle

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



82FF66



00FFF1



FFBAFF



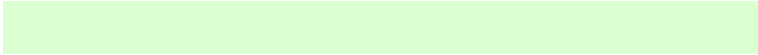
FF91D7

Sweetspot

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



82FF66



DAFFD1



FFE366



698063



000000



808080

Same Dimension

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



82FF66



69FF47



66FF96



758073



23BF00



0C4000

Inverse Universe

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



E366FF



DD47FF



FF66CF



7D7380



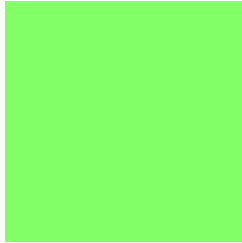
9C00BF



340040

Previews

White Background



This preview shows how the Hex color 82FF66 looks on a white background.

Color Contrast Check

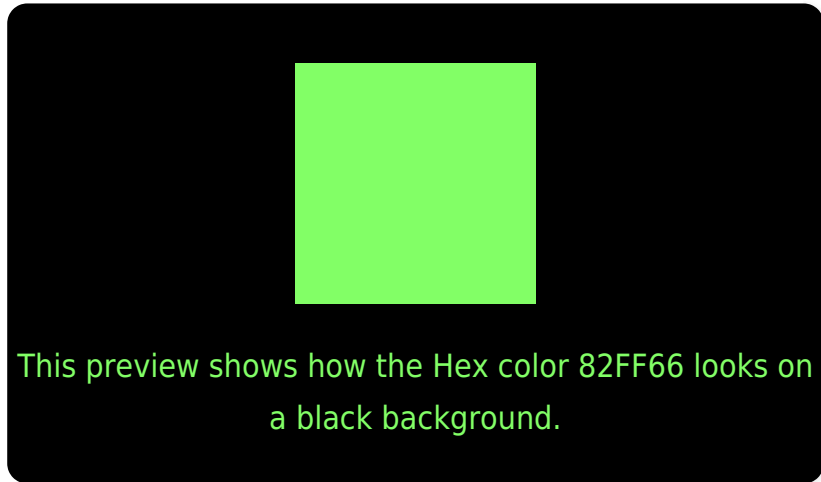
Large Text (above 18pt) WCAG AA × Fail

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

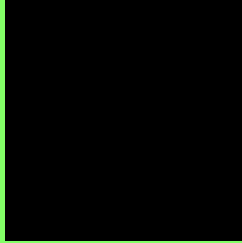
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

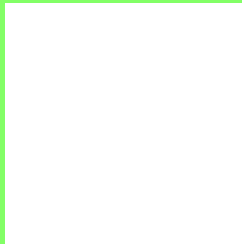
Any Text WCAG AAA ✓ Pass

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

Hex 82FF66 Background



This preview shows how black text looks on a background with the Hex color 82FF66.

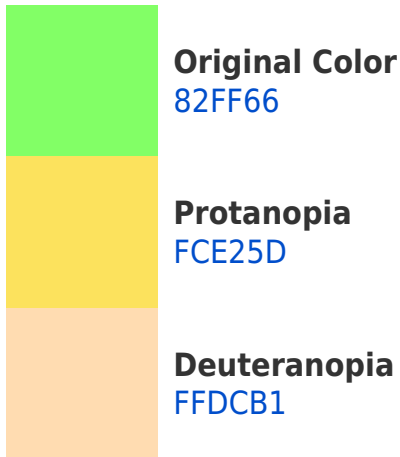


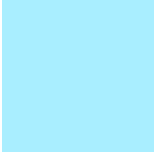
This preview shows how white text looks on a background with the Hex color 82FF66.

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](#).

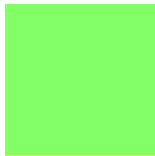
Dichromacy



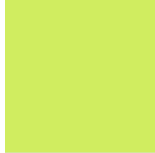


Tritanopia
A9EEFF

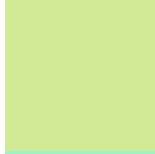
Trichromacy



Original Color
82FF66



Protanomaly
D0ED60

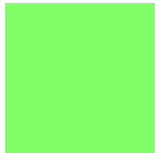


Deuteranomaly
D2E996

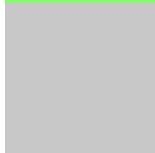


Tritanomaly
9BF4C7

Monochromacy



Original Color
82FF66



Achromatopsia
C8C8C8



Achromatomaly
AFDCA4

CSS Examples

Text

The CSS property to change the color of the text to Hex 82FF66 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 #82FF66 looks like.

```
.text, #text, p{  
    color:#82FF66  
}
```

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 #82FF66 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #82FF66
}
```

Border

The CSS property to change the border of an element to Hex 82FF66 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
#82FF66 }
```

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

```
.border{ border-color:#82FF66 }
```

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

Here you see how a box with a 4 pixel #82FF66 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #82FF66; -webkit-box-shadow:4px 4px  
4px 4px #82FF66; box-shadow:4px 4px 4px  
4px #82FF66 }
```

Background

The CSS property to change the background color of an element to Hex 82FF66 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#82FF66 }
```

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

```
.background{ background-color:#82FF66 }
```

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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