

Converting Colors

Hex(84F086)

Have a look what the booklet for
Hex(84F086) contains.

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Color

Hex(84F086)

Conversions

Conversions Part 1

Format	Color
Hex	84F086
RGB	132, 240, 134
RGB Percent	52%, 94%, 53%
CMY	0.4824, 0.0588, 0.4745
CMYK	0.45, 0.00, 0.44, 0.06
HSL	121°, 78%, 73%
HSV	121°, 45%, 94%
XYZ	44.9789, 68.9469, 33.4917
YIQ	195.6240, -30.3420, -55.8620

Conversions

Conversions Part 2

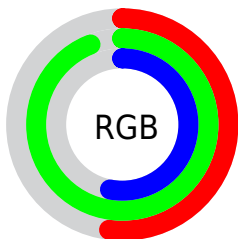
Format	Color
RYB	132, 238, 240
Decimal	8712326
CIELab	86.48, -52.08, 41.68
CIELCh	86, 66.702, 141.329
Yxy	68.9469, 0.3051, 0.4677
Android (android.graphics.Color)	4286902406 (0xFF84F086)
YUV	195.6240, -30.3806, -55.7982
Hunter-Lab	83.0343, -48.6183, 34.2095

Details

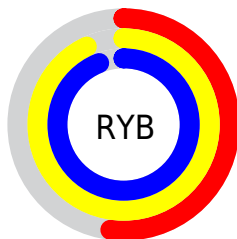
The Hex color **84F086** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **F084EE**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFBD**, and **49B752** is the 20% darker color. If you saturate the color by 10%, you get **6CF06E**, and if you desaturate by 10%, it is **9CF09E**.

Distribution



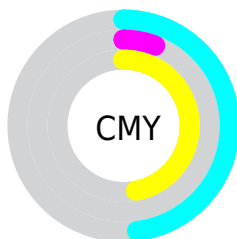
- Red (52%)
- Green (94%)
- Blue (53%)



- Red (52%)
- Yellow (93%)
- Blue (94%)



- Cyan (45%)
- Magenta (0%)
- Yellow (44%)
- Black (6%)



- Cyan (48%)
- Magenta (6%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84F086 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 84F086 by changing the saturation by 10% instead.

 84F086

 84F086

FFFFFF

 67D36C

 BEFFBD

 49B752

 DCFFD9

 279C39

 F9FFF6

 00811F

 006700

 004E00

 003600

 001F00

 000000

 84F086

 84F086

 6CF06E

 9CF09E

 54F057

 B4F0B5

 3CF03F

 CCF0CD

 24F028

 E4F0E4

 0CF010

 FCF0FC

 00F004

 FFF0FF

Harmonies

Analogous

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



D0E35C



84F086



00F7C3

Triad

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



84F086



00E5FF



FFA4AE

Complementary

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



84F086



F084EE

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.



FFA3EE



84F086



BDCFFF

Square

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



84F086



00F2FF



FFB6FF



FFB777

Rectangle

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



84F086



00F8EF



FFB6FF



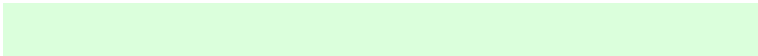
FFA1C3

Sweetspot

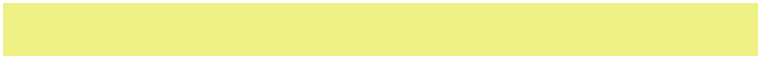
The Sweet Spot groups the original color and five complimentary colors.



84F086



DBFFDC



EEF084



6A806A



000000



808080

Same Dimension

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



84F086



75FF78



84F0BC



6C786C



00B803



003801

Inverse Universe

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



F084EE



FF75FC



F084B8



786C78



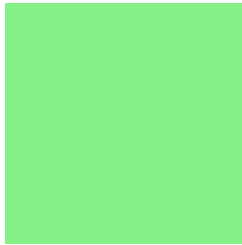
B800B4



380037

Previews

White Background



This preview shows how the Hex color 84F086 looks on a white background.

Color Contrast Check

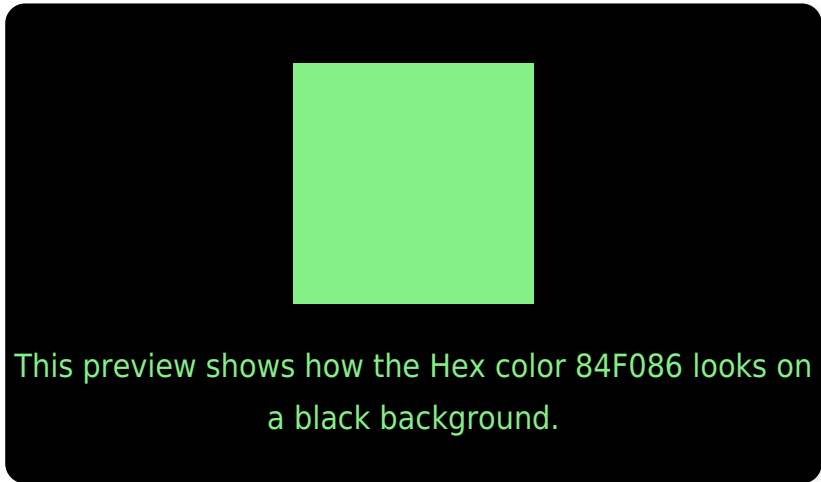
Large Text (above 18pt) WCAG AA × Fail

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

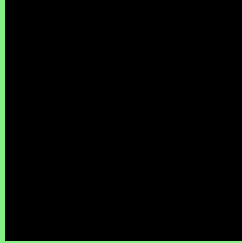
Any Text WCAG AA ✓ Pass

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 84F086 Background



This preview shows how black text looks on a background with the Hex color 84F086.

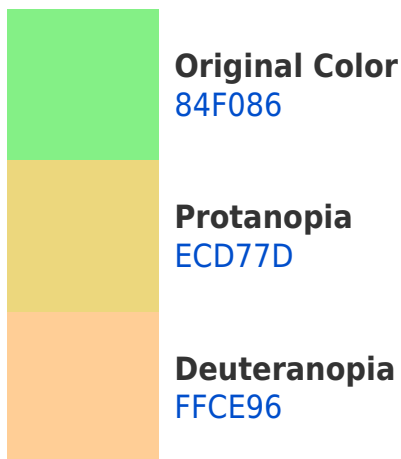


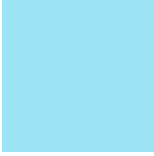
This preview shows how white text looks on a background with the Hex color 84F086.

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



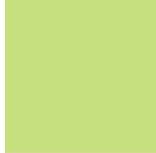


Tritanopia
9BE3F5

Trichromacy



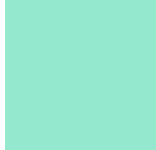
Original Color
84F086



Protanomaly
C6E080



Deuteranomaly
D2DA90

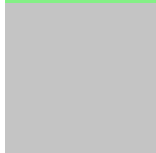


Tritanomaly
93E8CD

Monochromacy



Original Color
84F086



Achromatopsia
C4C4C4



Achromatomaly
ADD4AD

CSS Examples

Text

The CSS property to change the color of the text to Hex 84F086 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 #84F086 looks like.

```
.text, #text, p{  
    color:#84F086  
}
```

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 #84F086 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F086
}
```

Border

The CSS property to change the border of an element to Hex 84F086 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
#84F086 }
```

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

```
.border{ border-color:#84F086 }
```

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

Here you see how a box with a 4 pixel #84F086 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F086; -webkit-box-shadow:4px 4px  
4px 4px #84F086; box-shadow:4px 4px 4px  
4px #84F086 }
```

Background

The CSS property to change the background color of an element to Hex 84F086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F086 }
```

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

```
.background{ background-color:#84F086 }
```

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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