

Converting Colors

Hex(84F27C)

Have a look what the booklet for
Hex(84F27C) contains.

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Color

Hex(84F27C)

Conversions

Conversions Part 1

Format	Color
Hex	84F27C
RGB	132, 242, 124
RGB Percent	52%, 95%, 49%
CMY	0.4824, 0.0510, 0.5137
CMYK	0.45, 0.00, 0.49, 0.05
HSL	116°, 82%, 72%
HSV	116°, 49%, 95%
XYZ	44.9059, 69.8650, 30.1873
YIQ	195.6580, -27.6820, -60.0180

Conversions

Conversions Part 2

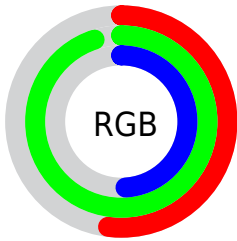
Format	Color
RYB	124, 242, 234
Decimal	8712828
CIELab	86.93, -54.24, 47.05
CIELCh	87, 71.806, 139.058
Yxy	69.8650, 0.3098, 0.4820
Android (android.graphics.Color)	4286902908 (0xFF84F27C)
YUV	195.6580, -35.3274, -55.8281
Hunter-Lab	83.5853, -50.3757, 37.0968

Details

The Hex color **84F27C** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EA7CF2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFB2**, and **48B948** is the 20% darker color. If you saturate the color by 10%, you get **6DF264**, and if you desaturate by 10%, it is **9BF294**.

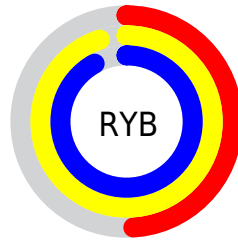
Distribution



Red (52%)

Green (95%)

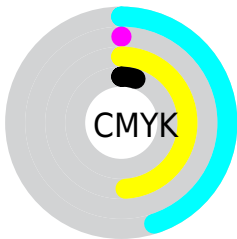
Blue (49%)



Red (49%)

Yellow (95%)

Blue (92%)

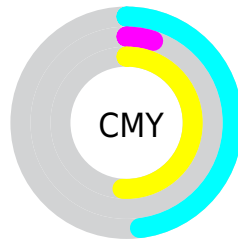


Cyan (45%)

Magenta (0%)

Yellow (49%)

Black (5%)



Cyan (48%)

Magenta (5%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84F27C 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 84F27C by changing the saturation by 10% instead.

 84F27C

 84F27C

FFFFFF

 67D562

 BEFFB2

 48B948

 DCFFCF

 259D2E

 FAFEB

 008310

 006900

 004F00

 003700

 002000

 000000

 84F27C

 84F27C

 6DF264

 9BF294

 57F24C

 B1F2AC

 40F233

 C8F2C5

 2AF21B

 DEF2DD

 13F203

 F5F2F5

 10F200

 FFF2FF

Harmonies

Analogous

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



D5E34F



84F27C



00FABE

Triad

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



84F27C



00E8FF



FF9FB1

Complementary

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



84F27C



EA7CF2

Split Complementary

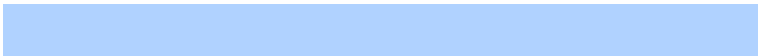
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FF9FF6



84F27C



B0D2FF

Square

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



84F27C



00F6FF



FFB6FF



FFB375

Rectangle

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



84F27C



00FBED



FFB6FF



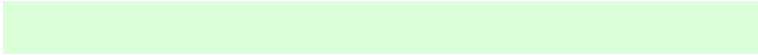
FF9CC8

Sweetspot

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



84F27C



DBFFD9



F2E87C



6A8069



000000



808080

Same Dimension

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



84F27C



73FF69



7CF2AD



6D786C



0CB800



043800

Inverse Universe

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



EA7CF2



F569FF



F27CC1



776C78



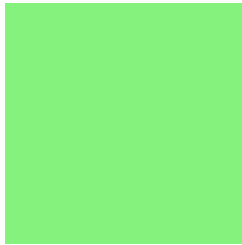
AB00B8



340038

Previews

White Background



This preview shows how the Hex color 84F27C looks on a white background.

Color Contrast Check

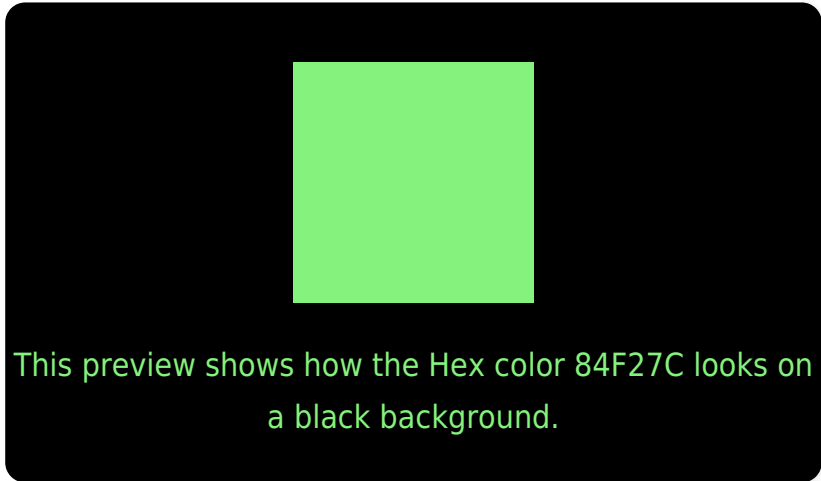
Large Text (above 18pt) WCAG AA × Fail

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

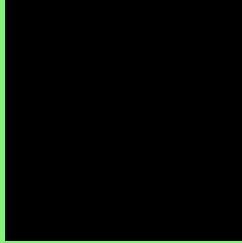
Any Text WCAG AA ✓ Pass

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 84F27C Background



This preview shows how black text looks on a background with the Hex color 84F27C.

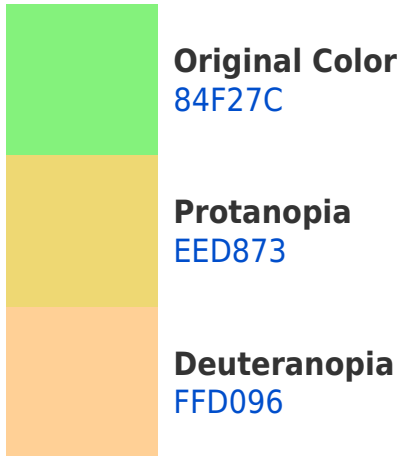


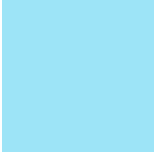
This preview shows how white text looks on a background with the Hex color 84F27C.

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



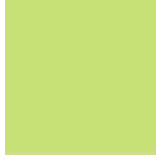


Tritanopia
9DE4F7

Trichromacy



Original Color
84F27C



Protanomaly
C7E176



Deuteranomaly
D2DC8D



Tritanomaly
94E9CA

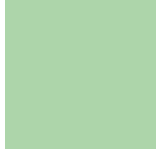
Monochromacy



Original Color
84F27C



Achromatopsia
C4C4C4



Achromatomaly
ADD5AA

CSS Examples

Text

The CSS property to change the color of the text to Hex 84F27C 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 #84F27C looks like.

```
.text, #text, p{  
    color:#84F27C  
}
```

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 #84F27C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F27C
}
```

Border

The CSS property to change the border of an element to Hex 84F27C 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
#84F27C }
```

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

```
.border{ border-color:#84F27C }
```

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

Here you see how a box with a 4 pixel #84F27C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F27C; -webkit-box-shadow:4px 4px  
4px 4px #84F27C; box-shadow:4px 4px 4px  
4px #84F27C }
```

Background

The CSS property to change the background color of an element to Hex 84F27C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F27C }
```

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

```
.background{ background-color:#84F27C }
```

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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