

Converting Colors

Hex(84F27E)

Have a look what the booklet for
Hex(84F27E) contains.

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Color

Hex(84F27E)

Conversions

Conversions Part 1

Format	Color
Hex	84F27E
RGB	132, 242, 126
RGB Percent	52%, 95%, 49%
CMY	0.4824, 0.0510, 0.5059
CMYK	0.45, 0.00, 0.48, 0.05
HSL	117°, 82%, 72%
HSV	117°, 48%, 95%
XYZ	45.0337, 69.9162, 30.8603
YIQ	195.8860, -28.3240, -59.3960

Conversions

Conversions Part 2

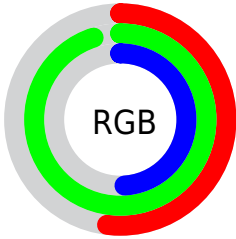
Format	Color
RYB	126, 242, 236
Decimal	8712830
CIELab	86.96, -53.98, 46.14
CIELCh	87, 71.009, 139.480
Yxy	69.9162, 0.3089, 0.4795
Android (android.graphics.Color)	4286902910 (0xFF84F27E)
YUV	195.8860, -34.4538, -56.0280
Hunter-Lab	83.6159, -50.1915, 36.6488

Details

The Hex color **84F27E** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EC7EF2**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **BEFFB4**, and **48B94A** is the 20% darker color. If you saturate the color by 10%, you get **6DF266**, and if you desaturate by 10%, it is **9BF296**.

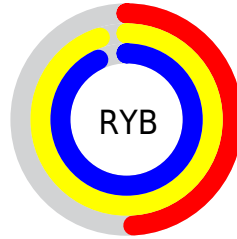
Distribution



Red (52%)

Green (95%)

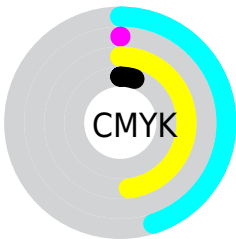
Blue (49%)



Red (49%)

Yellow (95%)

Blue (93%)

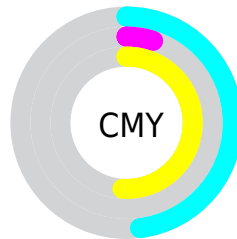


Cyan (45%)

Magenta (0%)

Yellow (48%)

Black (5%)



Cyan (48%)

Magenta (5%)

Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 84F27E 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 84F27E by changing the saturation by 10% instead.

 84F27E

 84F27E

FFFFFF

 67D564

 BEFFB4

 48B94A

 DCFFD1

 259D30

 FAFFED

 008313

 006900


 004F00

 003700

 002000

 000000

 84F27E

 84F27E

 6DF266

 9BF296

 56F24E

 B2F2AE

 3FF235

 C9F2C7

 28F21D

 E0F2DF

 11F205

 F7F2F7

 0DF200

 FFF2FF

Harmonies

Analogous

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



D4E451



84F27E



00F9BF

Triad

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



84F27E



00E8FF



FFA0B1

Complementary

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



84F27E



EC7EF2

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.



FFA0F5



84F27E



B3D2FF

Square

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



84F27E



00F6FF



FFB6FF



FFB475

Rectangle

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



84F27E



00FBEE



FFB6FF



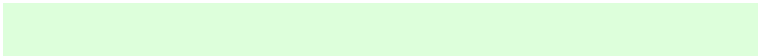
FF9DC7

Sweetspot

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



84F27E



DFFDB



F2EA7E



6B806A



000000



808080

Same Dimension

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



84F27E



73FF6B



7EF2B0



6C786C



09B800



033800

Inverse Universe

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



EC7EF2



F76BFF



F27EC0



776C78



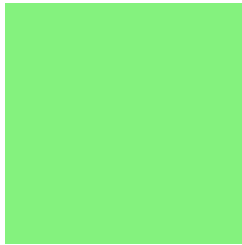
AE00B8



350038

Previews

White Background



This preview shows how the Hex color 84F27E looks on a white background.

Color Contrast Check

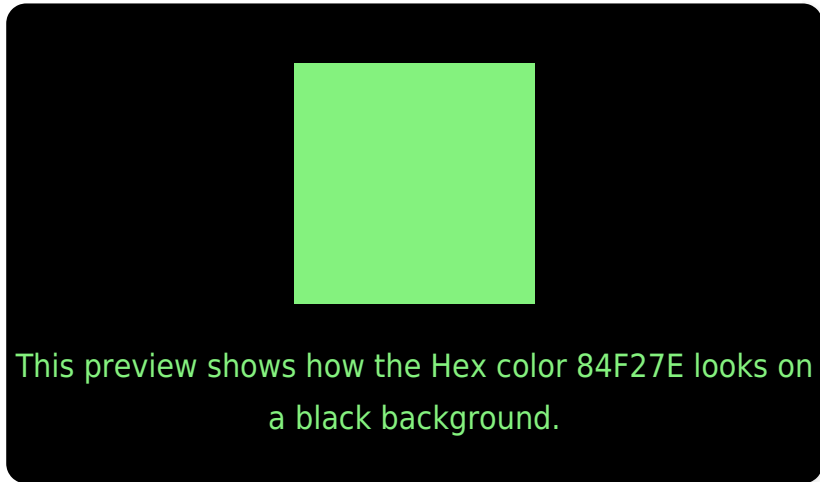
Large Text (above 18pt) WCAG AA × Fail

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

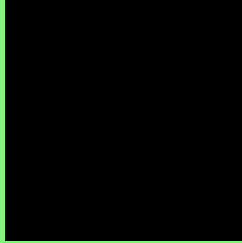
Any Text WCAG AA ✓ Pass

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 84F27E Background



This preview shows how black text looks on a background with the Hex color 84F27E.

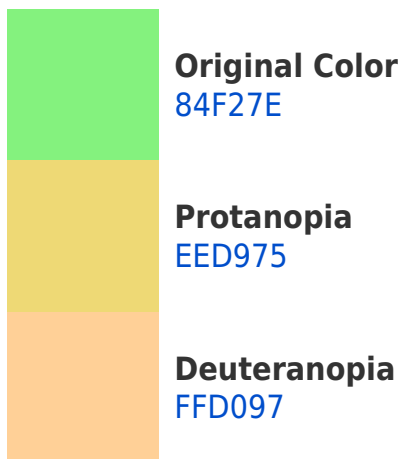


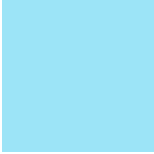
This preview shows how white text looks on a background with the Hex color 84F27E.

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



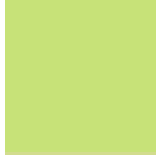


Tritanopia
9CE4F7

Trichromacy



Original Color
84F27E



Protanomaly
C7E278



Deuteranomaly
D2DC8E



Tritanomaly
93E9CB

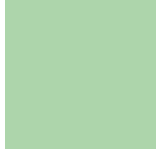
Monochromacy



Original Color
84F27E



Achromatopsia
C4C4C4



Achromatomaly
ADD5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 84F27E 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 #84F27E looks like.

```
.text, #text, p{  
    color:#84F27E  
}
```

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 #84F27E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #84F27E
}
```

Border

The CSS property to change the border of an element to Hex 84F27E 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
#84F27E }
```

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

```
.border{ border-color:#84F27E }
```

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

Here you see how a box with a 4 pixel #84F27E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #84F27E; -webkit-box-shadow:4px 4px  
4px 4px #84F27E; box-shadow:4px 4px 4px  
4px #84F27E }
```

Background

The CSS property to change the background color of an element to Hex 84F27E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#84F27E }
```

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

```
.background{ background-color:#84F27E }
```

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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