

Converting Colors

Hex(94F27B)

Have a look what the booklet for
Hex(94F27B) contains.

Hex(94F27B)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(94F27B)

Conversions

Conversions Part 1

Format	Color
Hex	94F27B
RGB	148, 242, 123
RGB Percent	58%, 95%, 48%
CMY	0.4196, 0.0510, 0.5176
CMYK	0.39, 0.00, 0.49, 0.05
HSL	107°, 82%, 72%
HSV	107°, 49%, 95%
XYZ	47.5400, 71.2302, 29.9821
YIQ	200.3280, -17.8250, -56.9370

Conversions

Conversions Part 2

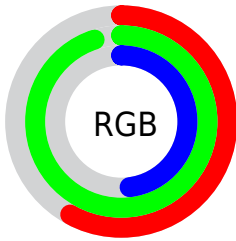
Format	Color
RYB	123, 242, 217
Decimal	9761403
CIELab	87.60, -49.64, 48.50
CIElCh	88, 69.401, 135.667
Yxy	71.2302, 0.3196, 0.4789
Android (android.graphics.Color)	4287951483 (0xFF94F27B)
YUV	200.3280, -38.1227, -45.8917
Hunter-Lab	84.3980, -47.1503, 38.0160

Details

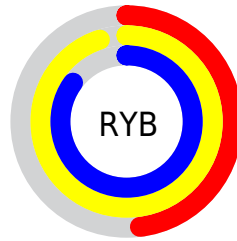
The Hex color **94F27B** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D97BF2**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **CEFFB2**, and **5BB947** is the 20% darker color. If you saturate the color by 10%, you get **81F263**, and if you desaturate by 10%, it is **A7F293**.

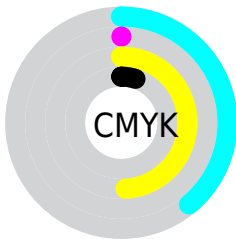
Distribution



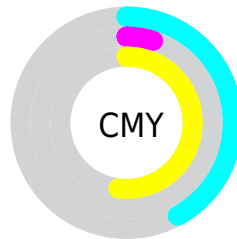
- Red (58%)
- Green (95%)
- Blue (48%)



- Red (48%)
- Yellow (95%)
- Blue (85%)



- Cyan (39%)
- Magenta (0%)
- Yellow (49%)
- Black (5%)



- Cyan (42%)
- Magenta (5%)
- Yellow (52%)

Brightness & Saturation Gradients

These gradients show how the Hex color 94F27B 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 94F27B by changing the saturation by 10% instead.

 94F27B

FFFFFF

 CEFFB2

 EBFFCE

 FFFFEA

 94F27B


 77D561

 5BB947

 3D9E2C

 19830D

 006900

 005000

 003800

 002200

 000000

 94F27B

 94F27B

 81F263

 A7F293

 6EF24B

 BAF2AB

 5BF232

 CDF2C4

 48F21A

 E0F2DC

 34F202

 F4F2F4

 33F200

 FFF2FF

Harmonies

Analogous

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



DFE354



94F27B



00FAB9

Triad

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



94F27B



00ECFF



FFA2BB

Complementary

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



94F27B



D97BF2

Split Complementary

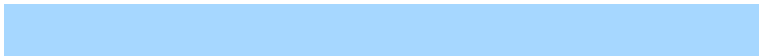
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA6FE



94F27B



A6D7FF

Square

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



94F27B



00F8FF



FFBCFF



FFB480

Rectangle

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



94F27B



00FCE7



FFBCFF



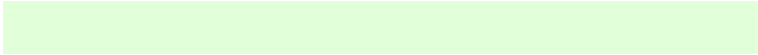
FFA1D2

Sweetspot

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



94F27B



E1FFD9



F2D87B



6D8069



000000



808080

Same Dimension

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



94F27B



88FF69



7BF29D



6E786C



27B800



0C3800

Inverse Universe

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



D97BF2



DF69FF



F27BD0



756C78



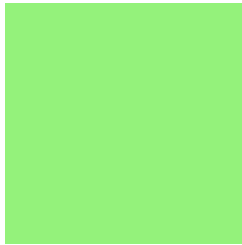
9100B8



2C0038

Previews

White Background



This preview shows how the Hex color 94F27B looks on a white background.

Color Contrast Check

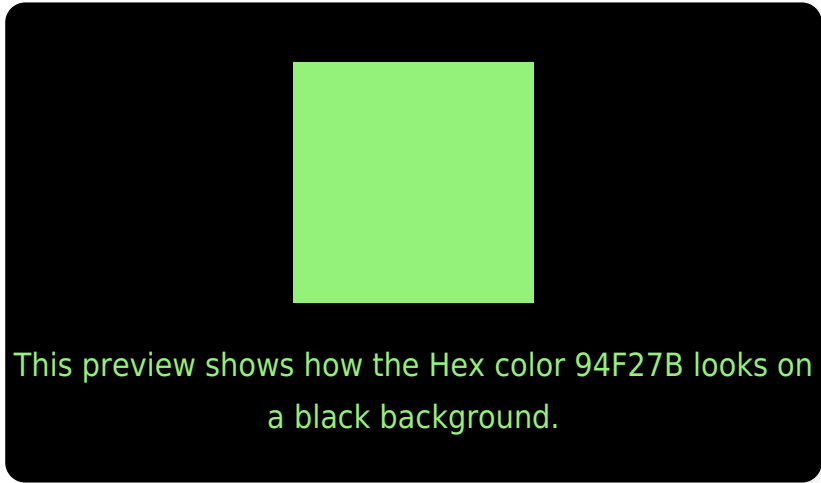
Large Text (above 18pt) WCAG AA × Fail

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

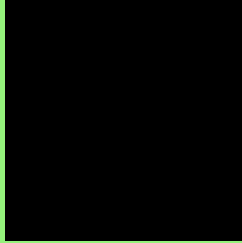
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

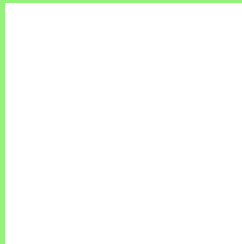
Any Text WCAG AAA ✓ Pass

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

Hex 94F27B Background



This preview shows how black text looks on a background with the Hex color 94F27B.

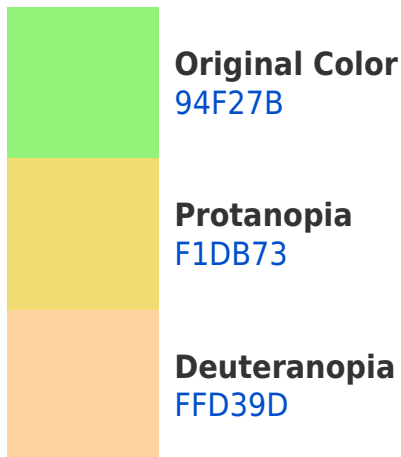


This preview shows how white text looks on a background with the Hex color 94F27B.

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



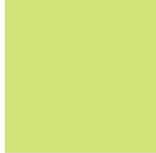


Tritanopia
AAE4F7

Trichromacy



Original Color
94F27B



Protanomaly
CFE376

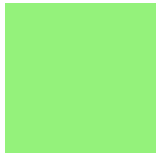


Deuteranomaly
D8DE91

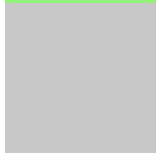


Tritanomaly
A2E9CA

Monochromacy



Original Color
94F27B



Achromatopsia
C8C8C8



Achromatomaly
B5D7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 94F27B 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 #94F27B looks like.

```
.text, #text, p{  
    color:#94F27B  
}
```

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 #94F27B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #94F27B
}
```

Border

The CSS property to change the border of an element to Hex 94F27B 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
#94F27B }
```

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

```
.border{ border-color:#94F27B }
```

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

Here you see how a box with a 4 pixel #94F27B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #94F27B; -webkit-box-shadow:4px 4px  
4px 4px #94F27B; box-shadow:4px 4px 4px  
4px #94F27B }
```

Background

The CSS property to change the background color of an element to Hex 94F27B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#94F27B }
```

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

```
.background{ background-color:#94F27B }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor