

Converting Colors

Hex(9FEC79)

Have a look what the booklet for
Hex(9FEC79) contains.

Hex(9FEC79)	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(9FEC79)

Conversions

Conversions Part 1

Format	Color
Hex	9FEC79
RGB	159, 236, 121
RGB Percent	62%, 93%, 47%
CMY	0.3765, 0.0745, 0.5255
CMYK	0.33, 0.00, 0.49, 0.07
HSL	100°, 75%, 70%
HSV	100°, 49%, 93%
XYZ	47.7447, 68.7423, 28.8413
YIQ	199.8670, -8.9770, -52.0890

Conversions

Conversions Part 2

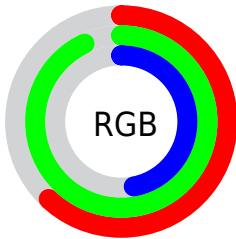
Format	Color
RYB	121, 236, 198
Decimal	10480761
CIELab	86.38, -43.81, 48.07
CIELCh	86, 65.037, 132.349
Yxy	68.7423, 0.3285, 0.4730
Android (android.graphics.Color)	4288670841 (0xFF9FEC79)
YUV	199.8670, -38.8814, -35.8404
Hunter-Lab	82.9110, -42.3041, 37.4131

Details

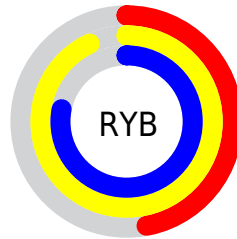
The Hex color **9FEC79** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **C679EC**, and the grayscale version is **C8C8C8**.

A 20% lighter version of the original color is **D8FFAF**, and **67B445** is the 20% darker color. If you saturate the color by 10%, you get **8FEC61**, and if you desaturate by 10%, it is **AFEC91**.

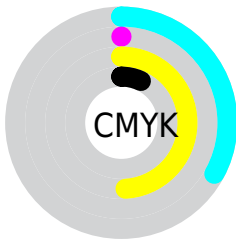
Distribution



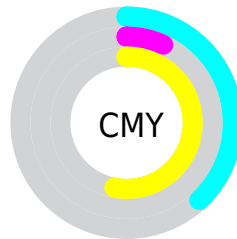
- Red (62%)
- Green (93%)
- Blue (47%)



- Red (47%)
- Yellow (93%)
- Blue (78%)



- Cyan (33%)
- Magenta (0%)
- Yellow (49%)
- Black (7%)



- Cyan (38%)
- Magenta (7%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9FEC79 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 9FEC79 by changing the saturation by 10% instead.

 9FEC79

FFFFFF

 D8FFAF

 F6FFCB

 FFFFE8

 9FEC79

 83CF5F

 67B445

 4B982A

 2E7E0B

 066400

 004C00

 003400

 001E00

 000000

 9FEC79

 9FEC79

 8FEC61

 AFEC91

 7FEC4A

 BFECA8

 70EC32

 CEECC0

 60EC1B

 DEECD7

 50EC03

 EEECEF

 4EEC00

 FEECFF

 FFECFF

Harmonies

Analogous

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



E3DD59



9FEC79



2DF5B1

Triad

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



9FEC79



00E9FF



FFA3C1

Complementary

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



9FEC79



C679EC

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.



FFA8FF



9FEC79



9BD6FF

Square

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



9FEC79



00F4FF



FEBEFF



FFB188

Rectangle

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



9FEC79



00F7DB



FEBEFF



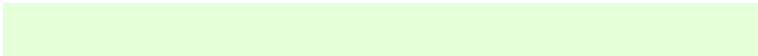
FFA2D6

Sweetspot

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



9FEC79



E5FFD9



ECC679



708069



000000



808080

Same Dimension

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



9FEC79



9CFF6B



79EC8C



6D756A



3CB500



123600

Inverse Universe

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



C679EC



CE6BFF



EC79D9



716A75



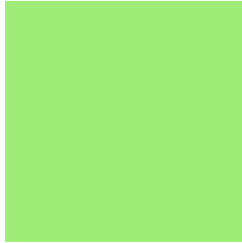
7900B5



240036

Previews

White Background



This preview shows how the Hex color 9FEC79 looks on a white background.

Color Contrast Check

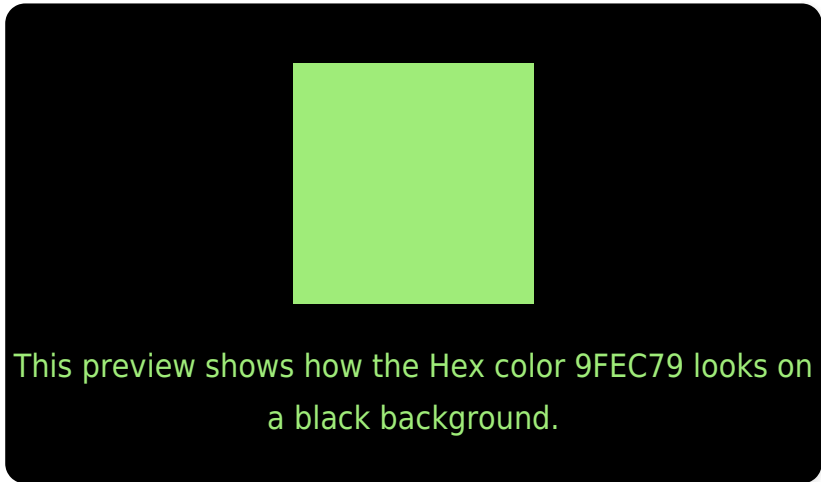
Large Text (above 18pt) WCAG AA × Fail

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 9FEC79 Background



This preview shows how black text looks on a background with the Hex color 9FEC79.

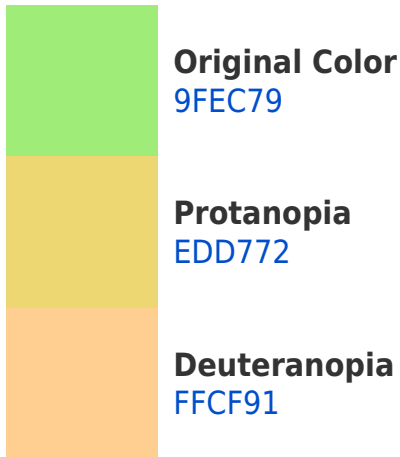


This preview shows how white text looks on a background with the Hex color 9FEC79.

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



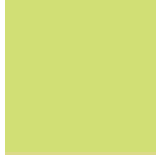


Tritanopia
B2DFF1

Trichromacy



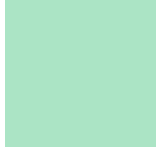
Original Color
9FEC79



Protanomaly
D1DF75



Deuteranomaly
DCDA88



Tritanomaly
ABE4C5

Monochromacy



Original Color
9FEC79



Achromatopsia
C8C8C8



Achromatomaly
B9D5AB

CSS Examples

Text

The CSS property to change the color of the text to Hex 9FEC79 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 #9FEC79 looks like.

```
.text, #text, p{  
    color:#9FEC79  
}
```

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 #9FEC79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FEC79
}
```

Border

The CSS property to change the border of an element to Hex 9FEC79 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
#9FEC79 }
```

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

```
.border{ border-color:#9FEC79 }
```

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

Here you see how a box with a 4 pixel #9FEC79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FEC79; -webkit-box-shadow:4px 4px  
4px 4px #9FEC79; box-shadow:4px 4px 4px  
4px #9FEC79 }
```

Background

The CSS property to change the background color of an element to Hex 9FEC79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FEC79 }
```

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

```
.background{ background-color:#9FEC79 }
```

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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