

# Converting Colors

Hex(9FE480)

Have a look what the booklet for  
Hex(9FE480) contains.

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**Color**

**Hex(9FE480)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FE480
RGB	159, 228, 128
RGB Percent	62%, 89%, 50%
CMY	0.3765, 0.1059, 0.4980
CMYK	0.30, 0.00, 0.44, 0.11
HSL	101°, 65%, 70%
HSV	101°, 44%, 89%
XYZ	45.9378, 64.4162, 30.4345
YIQ	195.9690, -9.0240, -45.7280

# Conversions

## Conversions Part 2

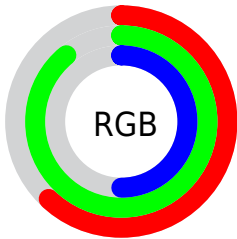
Format	Color
<a href="#">RYB</a>	<a href="#">128, 228, 197</a>
Decimal	<a href="#">10478720</a>
CIELab	<a href="#">84.18, -39.43, 41.96</a>
CIElCh	<a href="#">84, 57.581, 133.221</a>
Yxy	<a href="#">64.4162, 0.3263, 0.4575</a>
Android (android.graphics.Color)	<a href="#">4288668800 (0xFF9FE480)</a>
YUV	<a href="#">195.9690, -33.5087, -32.4218</a>
Hunter-Lab	<a href="#">80.2597, -38.2876, 33.6991</a>

# Details

The Hex color **9FE480** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **C580E4**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D8FFB6**, and **68AC4C** is the 20% darker color. If you saturate the color by 10%, you get **8FE469**, and if you desaturate by 10%, it is **AFE497**.

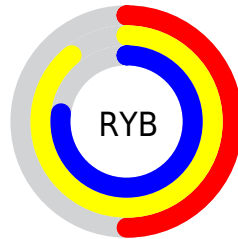
# Distribution



Red (62%)

Green (89%)

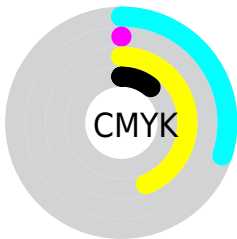
Blue (50%)



Red (50%)

Yellow (89%)

Blue (77%)

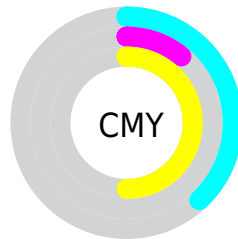


Cyan (30%)

Magenta (0%)

Yellow (44%)

Black (11%)



Cyan (38%)

Magenta (11%)

Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FE480 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 9FE480 by changing the saturation by 10% instead.



 9FE480

 9FE480

FFFFFF

 83C866

 D8FFB6

 68AC4C

 F5FFD2

 4D9133

 FFFFEF

 327719

 125E00

 004500

 002F00

 001700

 000000

 9FE480

 9FE480

 8FE469

 AFE497

 80E452

 BEE4AE

 70E43C

 CEE4C4

 60E425

 DEE4DB

 50E40E

 EEE4F2

 47E400

 FDE4FF

 FFE4FF

# Harmonies

## Analogous

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



DBD764



9FE480



4AECB1

# Triad

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



9FE480



00E0FF



FFA5BC

# Complementary

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



9FE480



C580E4

# Split Complementary

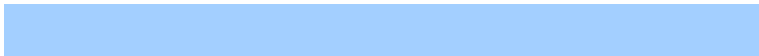
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



FFA9F3



9FE480



A3CFFF

# Square

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



9FE480



00EAFF



F5BAFF



FFB18A

# Rectangle

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



9FE480



00EED6



F5BAFF



FFA4CE

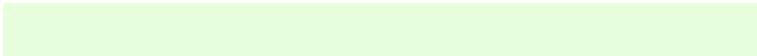


# Sweetspot

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



9FE480



E8FFDE



E4C480



71806B



000000



808080



# Same Dimension

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



9FE480



A2FF78



80E492



6B7367



37B300



103300



# Inverse Universe

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



C580E4



D578FF



E480D2



6F6773



7B00B3



230033



# Previews

## White Background



This preview shows how the Hex color 9FE480 looks on a white background.

## Color Contrast Check

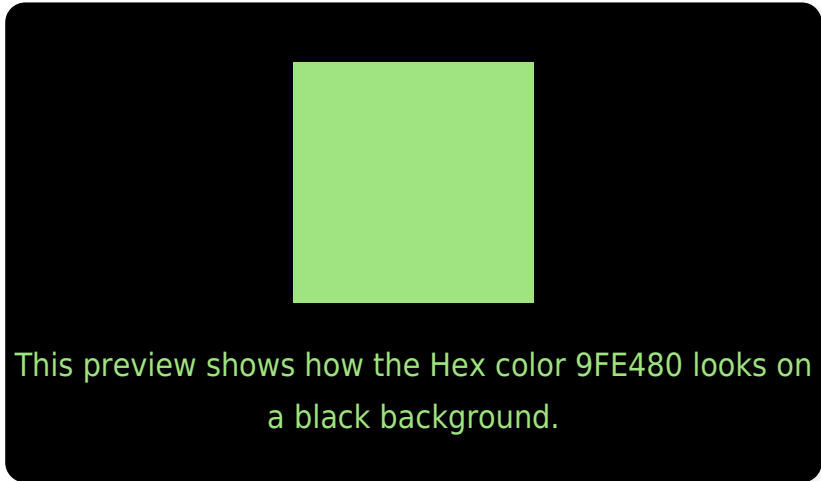
Large Text (above 18pt) WCAG AA × Fail

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 9FE480 Background



This preview shows how black text looks on a background with the Hex color 9FE480.

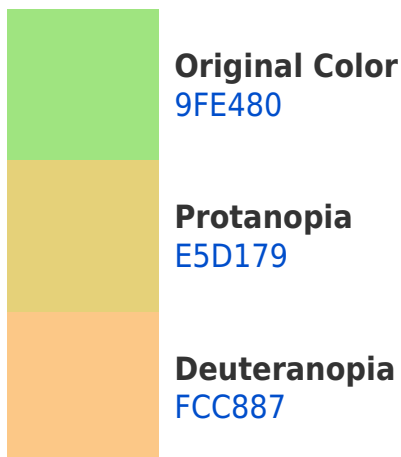


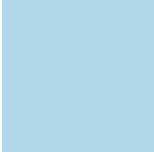
This preview shows how white text looks on a background with the Hex color 9FE480.

# 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**  
B0D8E9

# Trichromacy



**Original Color**  
9FE480



**Protanomaly**  
CCD87C



**Deuteranomaly**  
DAD284



**Tritanomaly**  
AADCC3

# Monochromacy



**Original Color**  
9FE480



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B7D0AB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FE480 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 #9FE480 looks like.

```
.text, #text, p{  
    color:#9FE480  
}
```

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 #9FE480 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE480
}
```

## Border

The CSS property to change the border of an element to Hex 9FE480 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
#9FE480 }
```

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

```
.border{ border-color:#9FE480 }
```

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

Here you see how a box with a 4 pixel #9FE480 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE480; -webkit-box-shadow:4px 4px  
4px 4px #9FE480; box-shadow:4px 4px 4px  
4px #9FE480 }
```

# Background

The CSS property to change the background color of an element to Hex 9FE480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE480 }
```

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

```
.background{ background-color:#9FE480 }
```

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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