

# Converting Colors

Hex(9FE096)

Have a look what the booklet for  
Hex(9FE096) contains.

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**Color**

**Hex(9FE096)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9FE096
RGB	159, 224, 150
RGB Percent	62%, 88%, 59%
CMY	0.3765, 0.1216, 0.4118
CMYK	0.29, 0.00, 0.33, 0.12
HSL	113°, 54%, 73%
HSV	113°, 33%, 88%
XYZ	46.4588, 62.8842, 38.5434
YIQ	196.1290, -14.9860, -36.7940

# Conversions

## Conversions Part 2

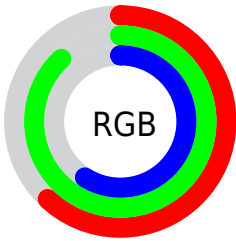
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 224, 215
Decimal	10477718
CIELab	83.38, -34.50, 29.87
CIElCh	83, 45.636, 139.120
Yxy	62.8842, 0.3142, 0.4252
Android (android.graphics.Color)	4288667798 (0xFF9FE096)
YUV	196.1290, -22.7416, -32.5621
Hunter-Lab	79.2996, -34.1976, 26.6919

# Details

The Hex color **9FE096** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **D796E0**, and the grayscale version is **C4C4C4**.

A 20% lighter version of the original color is **D7FFCD**, and **69A862** is the 20% darker color. If you saturate the color by 10%, you get **8BE080**, and if you desaturate by 10%, it is **B3E0AC**.

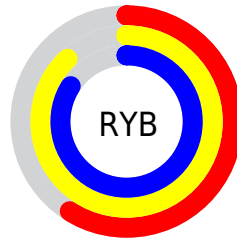
# Distribution



Red (62%)

Green (88%)

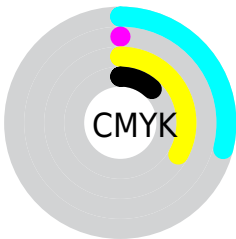
Blue (59%)



Red (59%)

Yellow (88%)

Blue (84%)

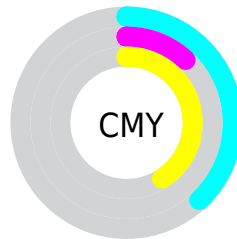


Cyan (29%)

Magenta (0%)

Yellow (33%)

Black (12%)



Cyan (38%)

Magenta (12%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9FE096 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 9FE096 by changing the saturation by 10% instead.



 9FE096

 9FE096

FFFFFF

 84C47C

 D7FFCD

 69A862

 F4FFE9

 4F8E4A

 357432

 195B1B

 004303

 002C00

 001400

 000000

 9FE096

 9FE096

 8BE080

 B3E0AC

 78E069

 C6E0C3

 64E053

 DAE0D9

 50E03C

 EEE0F0

 3DE026

 FFE0FF

 29E010

 1BE000

# Harmonies

## Analogous

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



D0D67D



9FE096



65E6BE

# Triad

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



9FE096



73D9FF



FFAFB6

# Complementary

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



9FE096



D796E0

# 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.



FFB0E1



9FE096



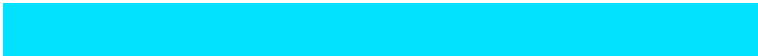
BDCAFF

# Square

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



9FE096



02E2FF



F6BBFF



FFB991

# Rectangle

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



9FE096



34E7DC



F6BBFF



FFAEC4

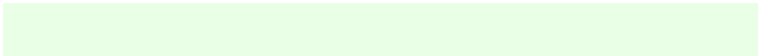


# Sweetspot

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



9FE096



E9FFE6



E0D696



728070



000000



808080

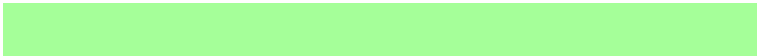


# Same Dimension

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



9FE096



A5FF99



96E0B1



667065



15B000



063000



# Inverse Universe

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



D796E0



F399FF



E096C5



6F6570



9B00B0



2B0030



# Previews

## White Background



This preview shows how the Hex color 9FE096 looks on a white background.

## Color Contrast Check

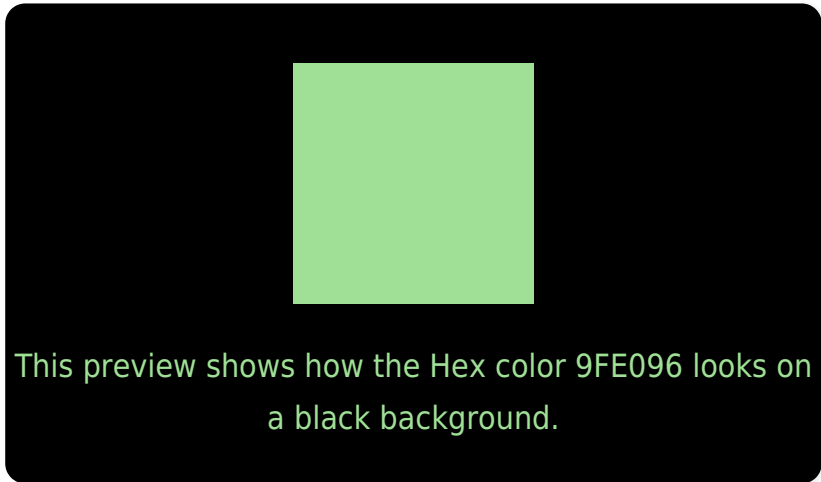
Large Text (above 18pt) WCAG AA × Fail

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

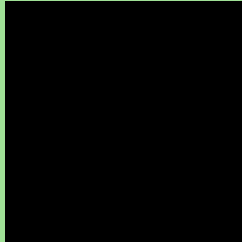
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9FE096 Background



This preview shows how black text looks on a background with the Hex color 9FE096.

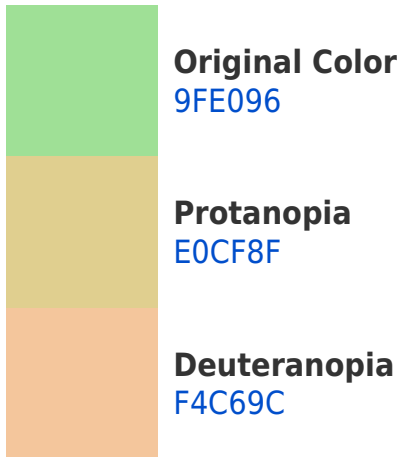


This preview shows how white text looks on a background with the Hex color 9FE096.

# 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



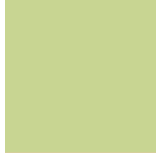


**Tritanopia**  
ADD6E7

# Trichromacy



**Original Color**  
9FE096



**Protanomaly**  
C8D592



**Deuteranomaly**  
D5CF9A

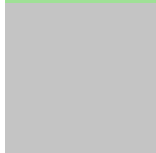


**Tritanomaly**  
A8DACA

# Monochromacy



**Original Color**  
9FE096



**Achromatopsia**  
C4C4C4



**Achromatomaly**  
B7CEB3

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9FE096 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 #9FE096 looks like.

```
.text, #text, p{  
    color:#9FE096  
}
```

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 #9FE096 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9FE096
}
```

## Border

The CSS property to change the border of an element to Hex 9FE096 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
#9FE096 }
```

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

```
.border{ border-color:#9FE096 }
```

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

Here you see how a box with a 4 pixel #9FE096 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9FE096; -webkit-box-shadow:4px 4px  
4px 4px #9FE096; box-shadow:4px 4px 4px  
4px #9FE096 }
```

# Background

The CSS property to change the background color of an element to Hex 9FE096 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9FE096 }
```

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

```
.background{ background-color:#9FE096 }
```

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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