

Converting Colors

Hex(9EFDC4)

Have a look what the booklet for
Hex(9EFDC4) contains.

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Color

Hex(9EFDC4)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9EFDC4 |
| RGB | 158, 253, 196 |
| RGB Percent | 62%, 99%, 77% |
| CMY | 0.3804, 0.0078, 0.2314 |
| CMYK | 0.38, 0.00, 0.23, 0.01 |
| HSL | 144°, 96%, 81% |
| HSV | 144°, 38%, 99% |
| XYZ | 59.1896, 81.5052, 64.8370 |
| YIQ | 218.0970, -38.3230, -37.8670 |

Conversions

Conversions Part 2

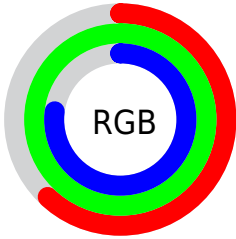
| Format | Color |
|-------------------------------------|--|
| RYB | 158, 226, 253 |
| Decimal | 10419652 |
| CIELab | 92.36, -40.07, 18.56 |
| CIELCh | 92, 44.163, 155.150 |
| Yxy | 81.5052, 0.2880, 0.3966 |
| Android (android.graphics.Color) | 4288609732 (0xFF9EFDC4) |
| YUV | 218.0970, -10.8938, -52.7051 |
| Hunter-Lab | 90.2802, -40.9620, 20.6156 |

Details

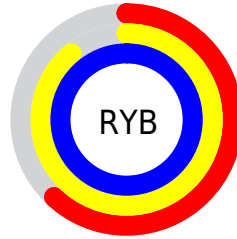
The Hex color **9EFDC4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **FD9ED7**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **D7FFFD**, and **66C48E** is the 20% darker color. If you saturate the color by 10%, you get **85FDB5**, and if you desaturate by 10%, it is **B7FDD3**.

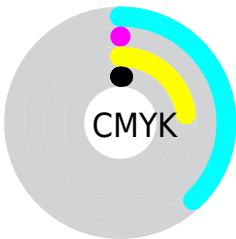
Distribution



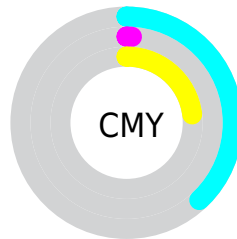
- Red (62%)
- Green (99%)
- Blue (77%)



- Red (62%)
- Yellow (89%)
- Blue (99%)



- Cyan (38%)
- Magenta (0%)
- Yellow (23%)
- Black (1%)



- Cyan (38%)
- Magenta (1%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9EFDC4 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 9EFDC4 by changing the saturation by 10% instead.

 9EFDC4

 9EFDC4

FFFFFF

 82E0A9

 D7FFFD

 66C48E

 F5FFFF

 4AA874


 2C8D5C

 007344

 005A2D

 004218

 002B00

 000F00

 9EFDC4

 9EFDC4

 85FDB5

 B7FDD3

 6BFDA6

 D1FDE2

 52FD96

 EAFDF2

 39FD87

 FFFDFF

 20FD78

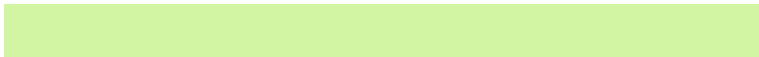
 06FD69

 00FD65

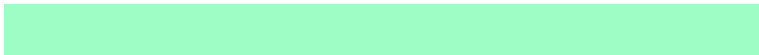
Harmonies

Analogous

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



D1F5A2



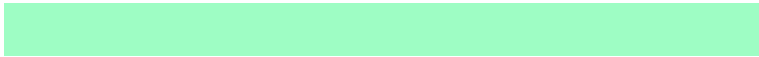
9EFDC4



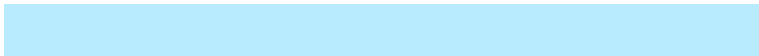
69FFEF

Triad

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



9EFDC4



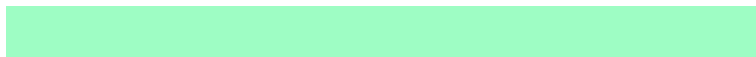
B9EBFF



FFCEBA

Complementary

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



9EFDC4



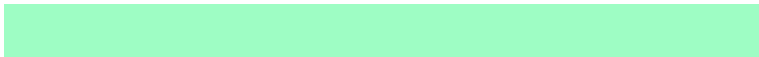
FD9ED7

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.



FFC8E3



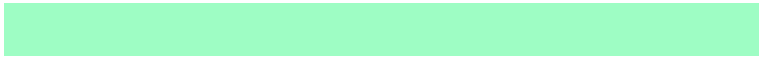
9EFDC4



F8DBFF

Square

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



9EFDC4



75F7FF



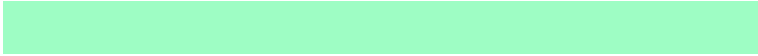
FFCEFF



FFDA9D

Rectangle

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



9EFDC4



4EFFFF



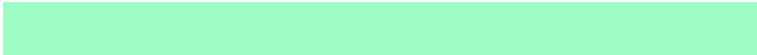
FFCEFF



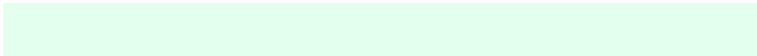
FFCBC7

Sweetspot

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



9EFDC4



E3FFEE



D7FD9E



6F8076



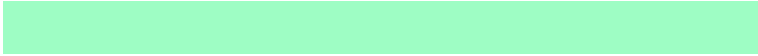
000000



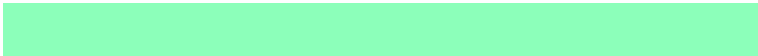
808080

Same Dimension

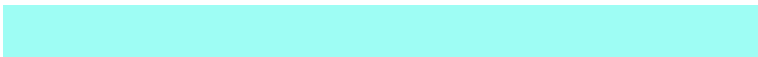
The Same Dimension uses a secret algorithm to generate beautiful new colors.



9EFDC4



8CFFBA



9EFDF4



738078



00BF4D



00401A

Inverse Universe

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



FD9ED7



FF8CD1



FD9EA8



80737A



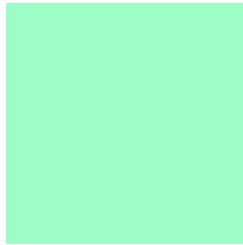
BF0073



400026

Previews

White Background



This preview shows how the Hex color 9EFDC4 looks on a white background.

Color Contrast Check

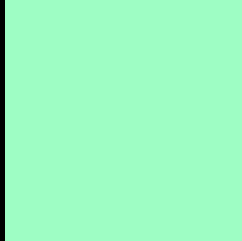
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Hex color 9EFDC4 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

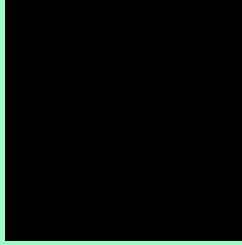
Any Text WCAG AA ✓ Pass

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 9EFDC4 Background



This preview shows how black text looks on a background with the Hex color 9EFDC4.

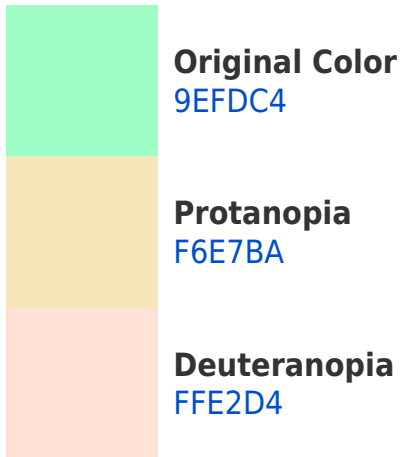


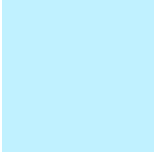
This preview shows how white text looks on a background with the Hex color 9EFDC4.

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



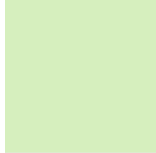


Tritanopia
C0F1FF

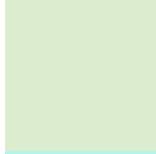
Trichromacy



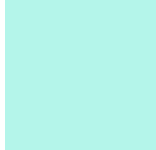
Original Color
9EFDC4



Protanomaly
D6EFBE

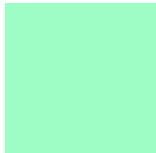


Deuteranomaly
DCECCE

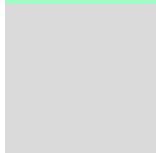


Tritanomaly
B4F5EA

Monochromacy



Original Color
9EFDC4



Achromatopsia
DADADA



Achromatomaly
C4E7D2

CSS Examples

Text

The CSS property to change the color of the text to Hex 9EFDC4 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 #9EFDC4 looks like.

```
.text, #text, p{  
    color:#9EFDC4  
}
```

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 #9EFDC4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EFDC4  
}
```

Border

The CSS property to change the border of an element to Hex 9EFDC4 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  
#9EFDC4 }
```

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

```
.border{ border-color:#9EFDC4 }
```

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

Here you see how a box with a 4 pixel #9EFDC4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EFDC4; -webkit-box-shadow:4px 4px  
4px 4px #9EFDC4; box-shadow:4px 4px 4px  
4px #9EFDC4 }
```

Background

The CSS property to change the background color of an element to Hex 9EFDC4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EFDC4 }
```

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

```
.background{ background-color:#9EFDC4 }
```

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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