

# Converting Colors

Hex(9EF2C4)

Have a look what the booklet for  
Hex(9EF2C4) contains.

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# **Color**

**Hex(9EF2C4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EF2C4
RGB	158, 242, 196
RGB Percent	62%, 95%, 77%
CMY	0.3804, 0.0510, 0.2314
CMYK	0.35, 0.00, 0.19, 0.05
HSL	147°, 76%, 78%
HSV	147°, 35%, 95%
XYZ	55.8165, 74.7589, 63.7126
YIQ	211.6400, -35.2980, -32.1140

# Conversions

## Conversions Part 2

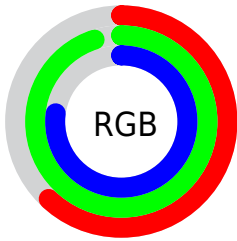
Format	Color
<b>RYB</b>	158, 216, 242
Decimal	10416836
CIELab	89.28, -35.08, 14.23
CIELCh	89, 37.862, 157.917
Yxy	74.7589, 0.2873, 0.3848
Android (android.graphics.Color)	4288606916 (0xFF9EF2C4)
YUV	211.6400, -7.7105, -47.0423
Hunter-Lab	86.4632, -36.0796, 16.8349

# Details

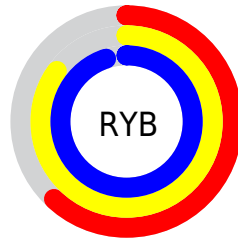
The Hex color **9EF2C4** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F29ECC**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D7FFFD**, and **67B98E** is the 20% darker color. If you saturate the color by 10%, you get **86F2B7**, and if you desaturate by 10%, it is **B6F2D1**.

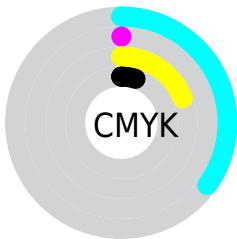
# Distribution



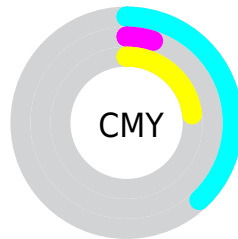
- Red (62%)
- Green (95%)
- Blue (77%)



- Red (62%)
- Yellow (85%)
- Blue (95%)



- Cyan (35%)
- Magenta (0%)
- Yellow (19%)
- Black (5%)



- Cyan (38%)
- Magenta (5%)
- Yellow (23%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EF2C4 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 9EF2C4 by changing the saturation by 10% instead.



 9EF2C4

 9EF2C4

FFFFFF

 82D5A9

 D7FFFD

 67B98E

 F4FFFF

 4C9E75

 30845C

 0D6A44

 00512E

 003919

 002500

 000000

 9EF2C4

 9EF2C4

 86F2B7

 B6F2D1

 6EF2A9

 CEF2DF

 55F29C

 E7F2EC

 3DF28F

 FFF2F9

 25F282

 FFF2FF

 0DF274

 00F26D

# Harmonies

## Analogous

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



C8EBA6



9EF2C4



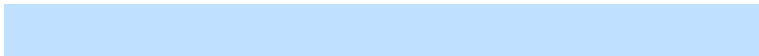
78F4E9

# Triad

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



9EF2C4



BFE1FF



FFCAB6

# Complementary

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



9EF2C4



F29ECC

# 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.



FFC5D8



9EF2C4



F2D4FF

# Square

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



9EF2C4



8AEBFF



FFC9FC



FFD59E

# Rectangle

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



9EF2C4



6AF3FF



FFC9FC



FFC8C0



# Sweetspot

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



9EF2C4



E6FFF1



CCF29E



708077



000000

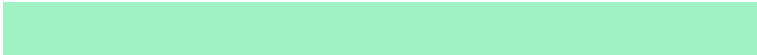


808080

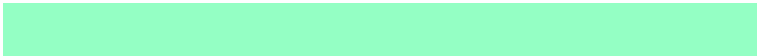


# Same Dimension

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



9EF2C4



94FFC4



9EF2EE



6C7871



00B853



003819



# Inverse Universe

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



F29ECC



FF94CF



F29EA2



786C72



B80065

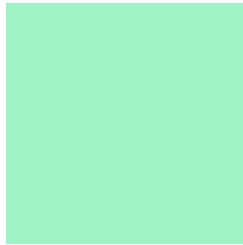


38001F



# Previews

## White Background



This preview shows how the Hex color 9EF2C4 looks on a white background.

## Color Contrast Check

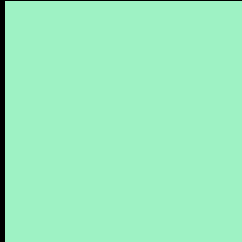
Large Text (above 18pt) WCAG AA × Fail

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 9EF2C4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

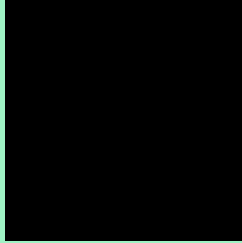
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9EF2C4 Background



This preview shows how black text looks on a background with the Hex color 9EF2C4.

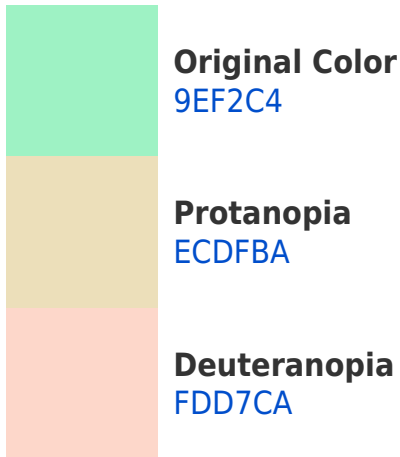


This preview shows how white text looks on a background with the Hex color 9EF2C4.

# 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

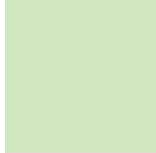




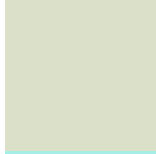
# Trichromacy



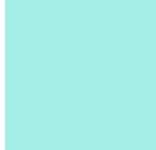
**Original Color**  
9EF2C4



**Protanomaly**  
D0E6BE

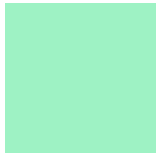


**Deuteranomaly**  
DAE1C8

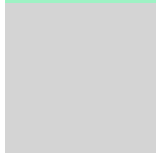


**Tritanomaly**  
A6EDE8

# Monochromacy



**Original Color**  
9EF2C4



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
C0DFCE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EF2C4 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 #9EF2C4 looks like.

```
.text, #text, p{  
    color:#9EF2C4  
}
```

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 #9EF2C4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF2C4
}
```

## Border

The CSS property to change the border of an element to Hex 9EF2C4 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
#9EF2C4 }
```

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

```
.border{ border-color:#9EF2C4 }
```

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

Here you see how a box with a 4 pixel #9EF2C4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF2C4; -webkit-box-shadow:4px 4px  
4px 4px #9EF2C4; box-shadow:4px 4px 4px  
4px #9EF2C4 }
```

# Background

The CSS property to change the background color of an element to Hex 9EF2C4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF2C4 }
```

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

```
.background{ background-color:#9EF2C4 }
```

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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