

# Converting Colors

Hex(9EF6D5)

Have a look what the booklet for  
Hex(9EF6D5) contains.

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# Color

**Hex(9EF6D5)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EF6D5
RGB	158, 246, 213
RGB Percent	62%, 96%, 84%
CMY	0.3804, 0.0353, 0.1647
CMYK	0.36, 0.00, 0.13, 0.04
HSL	158°, 83%, 79%
HSV	158°, 36%, 96%
XYZ	59.0666, 77.9847, 74.8902
YIQ	215.9260, -41.8550, -28.9190

# Conversions

## Conversions Part 2

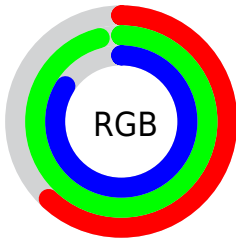
Format	Color
<a href="#">RYB</a>	<a href="#">158, 212, 246</a>
Decimal	<a href="#">10417877</a>
CIELab	<a href="#">90.77, -33.55, 7.55</a>
CIELCh	<a href="#">91, 34.385, 167.320</a>
Yxy	<a href="#">77.9847, 0.2787, 0.3680</a>
Android (android.graphics.Color)	<a href="#">4288607957 (0xFF9EF6D5)</a>
YUV	<a href="#">215.9260, -1.4425, -50.8011</a>
Hunter-Lab	<a href="#">88.3090, -35.1487, 11.5355</a>

# Details

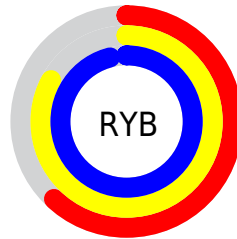
The Hex color **9EF6D5** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F69EBF**, and the grayscale version is **D8D8D8**.

A 20% lighter version of the original color is **D7FFFF**, and **67BD9E** is the 20% darker color. If you saturate the color by 10%, you get **85F6CC**, and if you desaturate by 10%, it is **B7F6DE**.

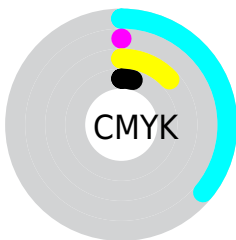
# Distribution



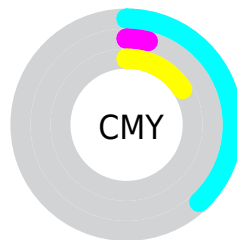
- Red (62%)
- Green (96%)
- Blue (84%)



- Red (62%)
- Yellow (83%)
- Blue (96%)



- Cyan (36%)
- Magenta (0%)
- Yellow (13%)
- Black (4%)



- Cyan (38%)
- Magenta (4%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9EF6D5 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 9EF6D5 by changing the saturation by 10% instead.



 9EF6D5

 9EF6D5

FFFFFF

 82D9B9

 D7FFFF

 67BD9E

 F4FFFF

 4BA284

 2E876B

 066E53

 00553C

 003D26

 002711

 000500

 9EF6D5

 9EF6D5

 85F6CC

 B7F6DE

 6DF6C3

 CFF6E7

 54F6B9

 E8F6F1

 3CF6B0

 FFF6FA

 23F6A7

 FFF6FF

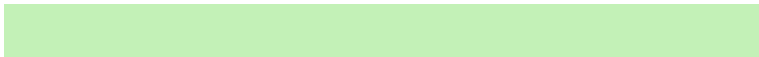
 0AF69E

 00F69A

# Harmonies

## Analogous

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



C3F1B7



9EF6D5



83F7F7

# Triad

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



9EF6D5



D6E1FF



FFD3B6

# Complementary

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



9EF6D5



F69EBF

# 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.



FFCDD2



9EF6D5



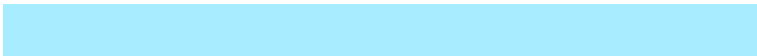
FFD6FF

# Square

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



9EF6D5



A7ECFF



FFCEF4



FFDEA5

# Rectangle

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



9EF6D5



80F5FF



FFCEF4



FFD0BE



# Sweetspot

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



9EF6D5



E3FFF4



C0F69E



6F8079



000000



808080

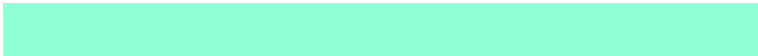


# Same Dimension

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



9EF6D5



91FFD6



9EECF6



6E7A76



00BA74



003B25



# Inverse Universe

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



F69EBF



FF91BA



F6A89E



7A6E73



BA0046

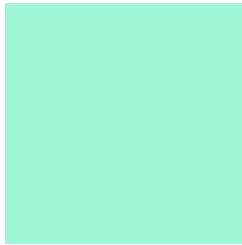


3B0016



# Previews

## White Background



This preview shows how the Hex color 9EF6D5 looks on a white background.

## Color Contrast Check

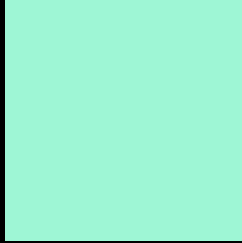
Large Text (above 18pt) WCAG AA × Fail

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 9EF6D5 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 9EF6D5 Background



This preview shows how black text looks on a background with the Hex color 9EF6D5.

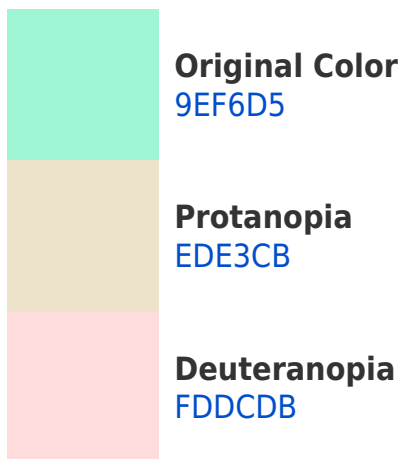


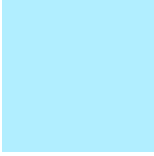
This preview shows how white text looks on a background with the Hex color 9EF6D5.

# 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



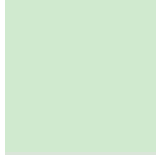


**Tritanopia**  
B1EEFF

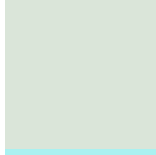
# Trichromacy



**Original Color**  
9EF6D5



**Protanomaly**  
D0EACF



**Deuteranomaly**  
DAE5D9

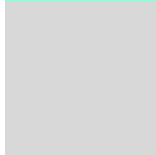


**Tritanomaly**  
AAF1F0

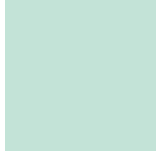
# Monochromacy



**Original Color**  
9EF6D5



**Achromatopsia**  
D8D8D8



**Achromatomaly**  
C3E3D7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9EF6D5 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 #9EF6D5 looks like.

```
.text, #text, p{  
    color:#9EF6D5  
}
```

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 #9EF6D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9EF6D5
}
```

## Border

The CSS property to change the border of an element to Hex 9EF6D5 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
#9EF6D5 }
```

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

```
.border{ border-color:#9EF6D5 }
```

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

Here you see how a box with a 4 pixel #9EF6D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9EF6D5; -webkit-box-shadow:4px 4px  
4px 4px #9EF6D5; box-shadow:4px 4px 4px  
4px #9EF6D5 }
```

# Background

The CSS property to change the background color of an element to Hex 9EF6D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9EF6D5 }
```

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

```
.background{ background-color:#9EF6D5 }
```

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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