

# Converting Colors

Hex(9CF6D0)

Have a look what the booklet for  
Hex(9CF6D0) contains.

<b>Hex(9CF6D0)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# **Color**

**Hex(9CF6D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CF6D0
RGB	156, 246, 208
RGB Percent	61%, 96%, 82%
CMY	0.3882, 0.0353, 0.1843
CMYK	0.37, 0.00, 0.15, 0.04
HSL	155°, 83%, 79%
HSV	155°, 37%, 96%
XYZ	58.0512, 77.5335, 71.5804
YIQ	214.7580, -41.4420, -30.8980

# Conversions

## Conversions Part 2

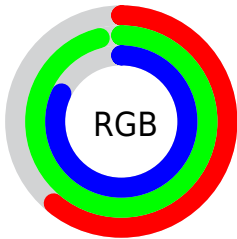
Format	Color
<a href="#">RYB</a>	<a href="#">156, 213, 246</a>
Decimal	<a href="#">10286800</a>
CIELab	<a href="#">90.57, -35.12, 9.83</a>
CIELCh	<a href="#">91, 36.466, 164.358</a>
Yxy	<a href="#">77.5335, 0.2802, 0.3743</a>
Android (android.graphics.Color)	<a href="#">4288476880 (0xFF9CF6D0)</a>
YUV	<a href="#">214.7580, -3.3317, -51.5308</a>
Hunter-Lab	<a href="#">88.0531, -36.4123, 13.4390</a>

# Details

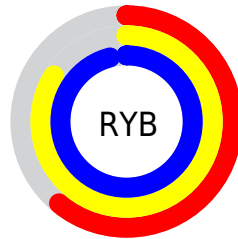
The Hex color **9CF6D0** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F69CC2**, and the grayscale version is **D7D7D7**.

A 20% lighter version of the original color is **D5FFFF**, and **65BD9A** is the 20% darker color. If you saturate the color by 10%, you get **83F6C6**, and if you desaturate by 10%, it is **B5F6DA**.

# Distribution



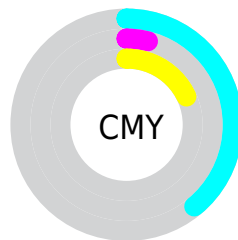
- Red (61%)
- Green (96%)
- Blue (82%)



- Red (61%)
- Yellow (84%)
- Blue (96%)



- Cyan (37%)
- Magenta (0%)
- Yellow (15%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CF6D0 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 9CF6D0 by changing the saturation by 10% instead.



 9CF6D0

 9CF6D0

FFFFFF

 80D9B4

 D5FFFF

 65BD9A

 F2FFFF

 49A280

 2B8767

 006D4F

 005538

 003D22

 00270D

 000400

 9CF6D0

 9CF6D0

 83F6C6

 B5F6DA

 6BF6BB

 CDF6E5

 52F6B1

 E6F6EF

 3AF6A6

 FEF6FA

 21F69C

 FFF6FF

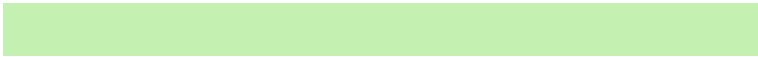
 08F692

 00F68E

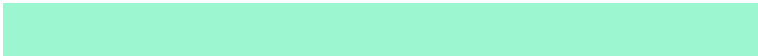
# Harmonies

## Analogous

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



C4F0B1



9CF6D0



7CF7F4

# Triad

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



9CF6D0



CFE2FF



FFD0B5

# Complementary

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



9CF6D0



F69CC2

# 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.



FFCAD4



9CF6D0



FED5FF

# Square

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



9CF6D0



9DEDFD



FFCCF8



FFDCA1

# Rectangle

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



9CF6D0



75F6FF



FFCCF8

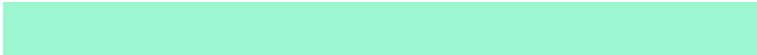


FFCEBE

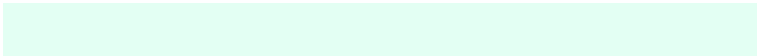


# Sweetspot

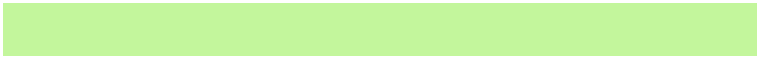
The Sweet Spot groups the original color and five complimentary colors.



9CF6D0



E3FFF3



C3F69C



6F8079



000000



808080



# Same Dimension

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



9CF6D0



8FFFD0



9CF0F6



6E7A75



00BA6C



003B22



# Inverse Universe

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



F69CC2



FF8FBE



F6A29C



7A6E73



BA004F

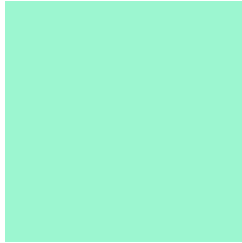


3B0019



# Previews

## White Background



This preview shows how the Hex color 9CF6D0 looks on a white background.

## Color Contrast Check

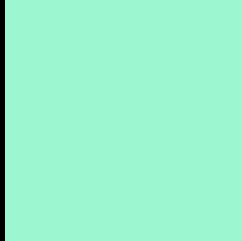
Large Text (above 18pt) WCAG AA × Fail

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 9CF6D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

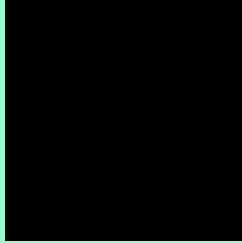
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 9CF6D0 Background



This preview shows how black text looks on a background with the Hex color 9CF6D0.

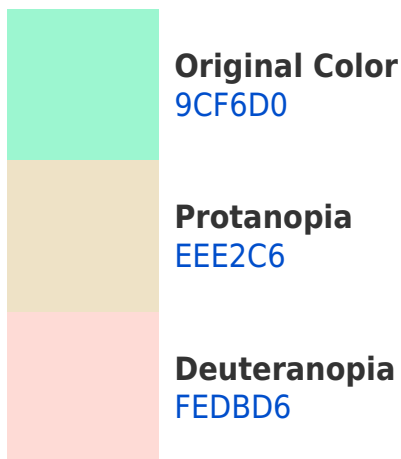


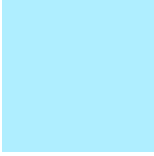
This preview shows how white text looks on a background with the Hex color 9CF6D0.

# 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



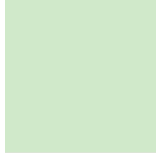


**Tritanopia**  
AFEEFF

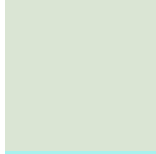
# Trichromacy



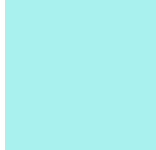
**Original Color**  
9CF6D0



**Protanomaly**  
D0E9CA

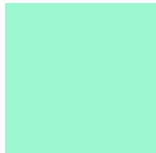


**Deuteranomaly**  
DAE5D4

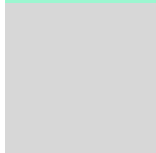


**Tritanomaly**  
A8F1EE

# Monochromacy



**Original Color**  
9CF6D0



**Achromatopsia**  
D7D7D7



**Achromatomaly**  
C2E2D4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CF6D0 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 #9CF6D0 looks like.

```
.text, #text, p{  
    color:#9CF6D0  
}
```

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 #9CF6D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF6D0
}
```

## Border

The CSS property to change the border of an element to Hex 9CF6D0 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
#9CF6D0 }
```

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

```
.border{ border-color:#9CF6D0 }
```

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

Here you see how a box with a 4 pixel #9CF6D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF6D0; -webkit-box-shadow:4px 4px  
4px 4px #9CF6D0; box-shadow:4px 4px 4px  
4px #9CF6D0 }
```

# Background

The CSS property to change the background color of an element to Hex 9CF6D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF6D0 }
```

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

```
.background{ background-color:#9CF6D0 }
```

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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