

# Converting Colors

Hex(9CF2D7)

Have a look what the booklet for  
Hex(9CF2D7) contains.

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**Color**

**Hex(9CF2D7)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9CF2D7
RGB	156, 242, 215
RGB Percent	61%, 95%, 84%
CMY	0.3882, 0.0510, 0.1569
CMYK	0.36, 0.00, 0.11, 0.05
HSL	161°, 77%, 78%
HSV	161°, 36%, 95%
XYZ	57.7282, 75.4785, 75.8162
YIQ	213.2080, -42.5890, -26.6290

# Conversions

## Conversions Part 2

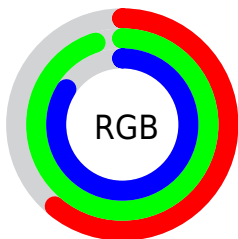
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	156, 207, 242
Decimal	10285783
CIE Lab	89.62, -31.81, 4.83
CIE LCh	90, 32.174, 171.367
Yxy	75.4785, 0.2762, 0.3611
Android (android.graphics.Color)	4288475863 (0xFF9CF2D7)
YUV	213.2080, 0.8835, -50.1714
Hunter-Lab	86.8784, -33.4290, 9.0742

# Details

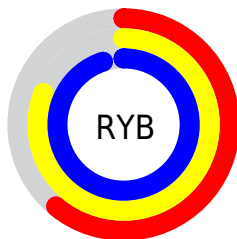
The Hex color **9CF2D7** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F29CB7**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **D5FFFF**, and **65BAA0** is the 20% darker color. If you saturate the color by 10%, you get **84F2CF**, and if you desaturate by 10%, it is **B4F2DF**.

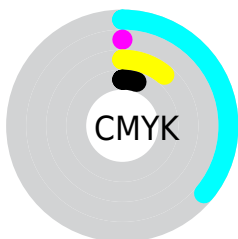
# Distribution



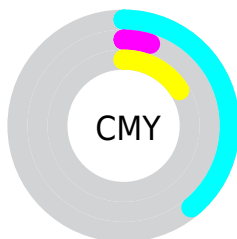
- Red (61%)
- Green (95%)
- Blue (84%)



- Red (61%)
- Yellow (81%)
- Blue (95%)



- Cyan (36%)
- Magenta (0%)
- Yellow (11%)
- Black (5%)



- Cyan (39%)
- Magenta (5%)
- Yellow (16%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 9CF2D7 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 9CF2D7 by changing the saturation by 10% instead.



 9CF2D7

 9CF2D7

FFFFFF

 80D5BB

 D5FFFF

 65BAA0

 F2FFFF

 499E86

 2C846D

 036A55

 00523D

 003A28

 002513

 000000

 9CF2D7

 9CF2D7

 84F2CF

 B4F2DF

 6CF2C8

 CCF2E6

 53F2C0

 E5F2EE

 3BF2B9

 FDF2F5

 23F2B1

 FFF2FD

 0BF2A9

 FFF2FF

 00F2A6

# Harmonies

## Analogous

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



BDEEBA



9CF2D7



87F2F7

# Triad

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



9CF2D7



DADDFE



FFD2B2

# Complementary

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



9CF2D7



F29CB7

# 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.



FFCCCC



9CF2D7



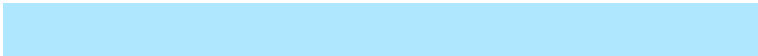
FFD2FF

# Square

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



9CF2D7



AFE7FF



FFCCEB



FFDCA5

# Rectangle

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



9CF2D7



87F0FF



FFCCEB



FFD0BA

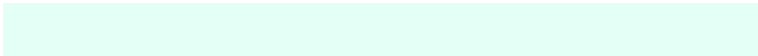


# Sweetspot

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



9CF2D7



E3FFF6



B7F29C



6F807A



000000



808080



# Same Dimension

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



9CF2D7



91FFDD



9CE2F2



6C7874



00B87E



003826



# Inverse Universe

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



F29CB7



FF91B4



F2AC9C



786C70



B8003A

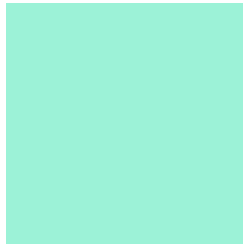


380012



# Previews

## White Background



This preview shows how the Hex color 9CF2D7 looks on a white background.

## Color Contrast Check

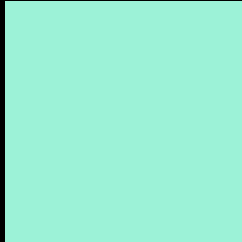
Large Text (above 18pt) WCAG AA × Fail

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 9CF2D7 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 9CF2D7 Background



This preview shows how black text looks on a background with the Hex color 9CF2D7.

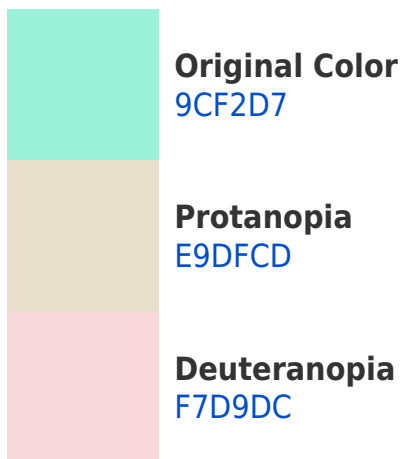


This preview shows how white text looks on a background with the Hex color 9CF2D7.

# 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



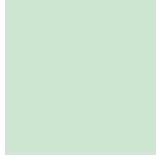


**Tritanopia**  
A6ECFF

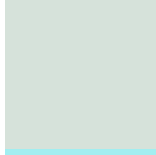
# Trichromacy



**Original Color**  
9CF2D7



**Protanomaly**  
CDE6D1



**Deuteranomaly**  
D6E2DA

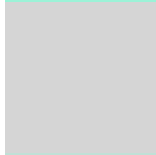


**Tritanomaly**  
A2EEF0

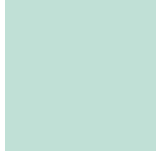
# Monochromacy



**Original Color**  
9CF2D7



**Achromatopsia**  
D5D5D5



**Achromatomaly**  
C0E0D6

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 9CF2D7 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 #9CF2D7 looks like.

```
.text, #text, p{  
    color:#9CF2D7  
}
```

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 #9CF2D7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF2D7
}
```

## Border

The CSS property to change the border of an element to Hex 9CF2D7 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
#9CF2D7 }
```

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

```
.border{ border-color:#9CF2D7 }
```

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

Here you see how a box with a 4 pixel #9CF2D7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF2D7; -webkit-box-shadow:4px 4px  
4px 4px #9CF2D7; box-shadow:4px 4px 4px  
4px #9CF2D7 }
```

# Background

The CSS property to change the background color of an element to Hex 9CF2D7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF2D7 }
```

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

```
.background{ background-color:#9CF2D7 }
```

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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