

Converting Colors

Hex(9DF3C6)

Have a look what the booklet for
Hex(9DF3C6) contains.

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Color

Hex(9DF3C6)

Conversions

Conversions Part 1

Format	Color
Hex	9DF3C6
RGB	157, 243, 198
RGB Percent	62%, 95%, 78%
CMY	0.3843, 0.0471, 0.2235
CMYK	0.35, 0.00, 0.19, 0.05
HSL	149°, 78%, 78%
HSV	149°, 35%, 95%
XYZ	56.1483, 75.3465, 65.0101
YIQ	212.1560, -36.8110, -32.2270

Conversions

Conversions Part 2

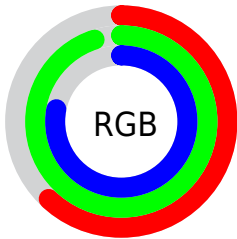
Format	Color
RYB	157, 215, 243
Decimal	10351558
CIELab	89.56, -35.44, 13.58
CIELCh	90, 37.955, 159.035
Yxy	75.3465, 0.2857, 0.3834
Android (android.graphics.Color)	4288541638 (0xFF9DF3C6)
YUV	212.1560, -6.9789, -48.3718
Hunter-Lab	86.8024, -36.4411, 16.3568

Details

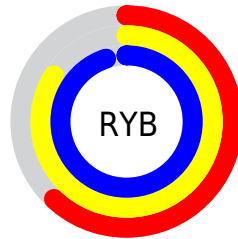
The Hex color **9DF3C6** is a light color, and the websafe version is hex **99FFCC**. A complement of this color would be **F39DCA**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **D6FFFF**, and **66BA90** is the 20% darker color. If you saturate the color by 10%, you get **85F3B9**, and if you desaturate by 10%, it is **B5F3D3**.

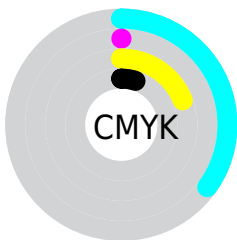
Distribution



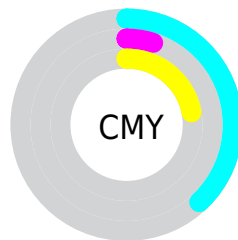
- Red (62%)
- Green (95%)
- Blue (78%)



- Red (62%)
- Yellow (84%)
- Blue (95%)



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



- Cyan (38%)
- Magenta (5%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9DF3C6 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 9DF3C6 by changing the saturation by 10% instead.

 9DF3C6

 9DF3C6

FFFFFF

 81D6AB

 D6FFFF

 66BA90

 F3FFFF

 4B9F76

 2E855E

 096B46

 00522F

 003A1A

 002500

 000000

 9DF3C6

 9DF3C6

 85F3B9

 B5F3D3

 6CF3AD

 CEF3DF

 54F3A0

 E6F3EC

 3CF393

 FEF3F9

 24F386

 FFF3FF

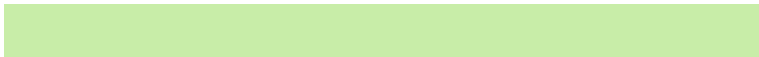
 0BF37A

 00F374

Harmonies

Analogous

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



C8EDA8



9DF3C6



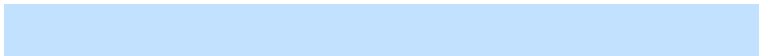
77F5EB

Triad

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



9DF3C6



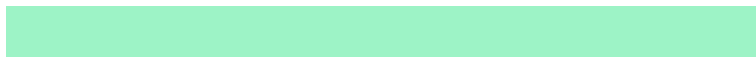
C2E1FF



FFCBB5

Complementary

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



9DF3C6



F39DCA

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.



FFC6D7



9DF3C6



F4D4FF

Square

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



9DF3C6



8CECFF



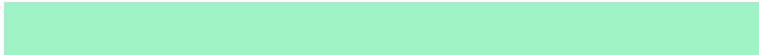
FFC9FC



FFD69E

Rectangle

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



9DF3C6



6AF4FF



FFC9FC



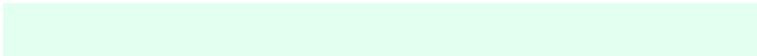
FFC9C0

Sweetspot

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



9DF3C6



E3FFF0



CBF39D



6F8077



000000



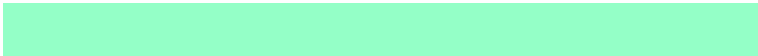
808080

Same Dimension

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



9DF3C6



94FFC7



9DF3F0



6E7A74



00BA59



003B1C

Inverse Universe

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



F39DCA



FF94CC



F39DA0



7A6E75



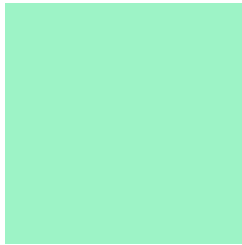
BA0061



3B001F

Previews

White Background



This preview shows how the Hex color 9DF3C6 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 9DF3C6 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

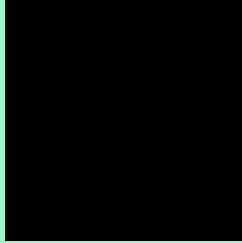
Any Text WCAG AA ✓ Pass

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 9DF3C6 Background



This preview shows how black text looks on a background with the Hex color 9DF3C6.

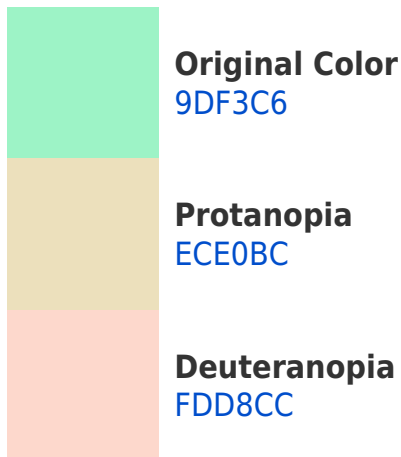


This preview shows how white text looks on a background with the Hex color 9DF3C6.

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



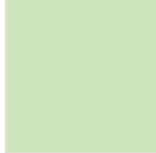


Tritanopia
A9EBFE

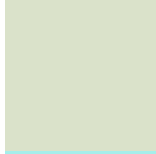
Trichromacy



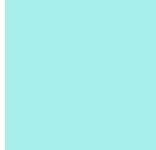
Original Color
9DF3C6



Protanomaly
CFE7C0

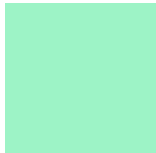


Deuteranomaly
DAE2CA

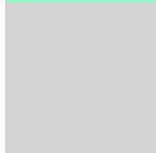


Tritanomaly
A5EEEE

Monochromacy



Original Color
9DF3C6



Achromatopsia
D4D4D4



Achromatomaly
C0DFCF

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF3C6 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 #9DF3C6 looks like.

```
.text, #text, p{  
    color:#9DF3C6  
}
```

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 #9DF3C6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF3C6
}
```

Border

The CSS property to change the border of an element to Hex 9DF3C6 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
#9DF3C6 }
```

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

```
.border{ border-color:#9DF3C6 }
```

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

Here you see how a box with a 4 pixel #9DF3C6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF3C6; -webkit-box-shadow:4px 4px  
4px 4px #9DF3C6; box-shadow:4px 4px 4px  
4px #9DF3C6 }
```

Background

The CSS property to change the background color of an element to Hex 9DF3C6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF3C6 }
```

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

```
.background{ background-color:#9DF3C6 }
```

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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