

Converting Colors

Hex(9DF071)

Have a look what the booklet for
Hex(9DF071) contains.

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Color

Hex(9DF071)

Conversions

Conversions Part 1

Format	Color
Hex	9DF071
RGB	157, 240, 113
RGB Percent	62%, 94%, 44%
CMY	0.3843, 0.0588, 0.5569
CMYK	0.35, 0.00, 0.53, 0.06
HSL	99°, 81%, 69%
HSV	99°, 53%, 94%
XYZ	48.0454, 70.6805, 26.7332
YIQ	200.7050, -8.7010, -57.0930

Conversions

Conversions Part 2

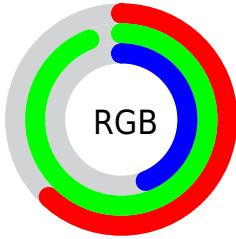
Format	Color
RYB	113, 240, 196
Decimal	10350705
CIELab	87.33, -47.09, 52.92
CIELCh	87, 70.836, 131.663
Yxy	70.6805, 0.3303, 0.4859
Android (android.graphics.Color)	4288540785 (0xFF9DF071)
YUV	200.7050, -43.2386, -38.3293
Hunter-Lab	84.0717, -45.1162, 39.9971

Details

The Hex color **9DF071** is a light color, and the websafe version is hex **99FF66**. A complement of this color would be **C471F0**, and the grayscale version is **C9C9C9**.

A 20% lighter version of the original color is **D7FFA8**, and **64B73C** is the 20% darker color. If you saturate the color by 10%, you get **8DF059**, and if you desaturate by 10%, it is **ADF089**.

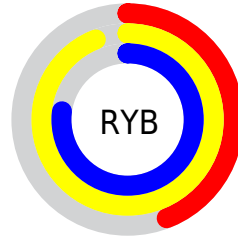
Distribution



Red (62%)

Green (94%)

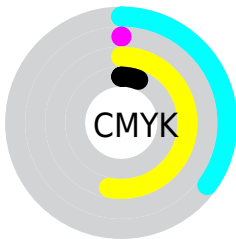
Blue (44%)



Red (44%)

Yellow (94%)

Blue (77%)

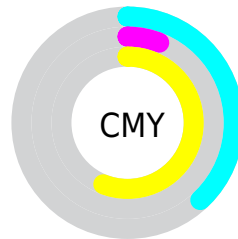


Cyan (35%)

Magenta (0%)

Yellow (53%)

Black (6%)



Cyan (38%)

Magenta (6%)

Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the Hex color 9DF071 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 9DF071 by changing the saturation by 10% instead.

 9DF071

 9DF071

FFFFFF

 81D356

 D7FFA8

 64B73C

 F4FFC4

 489C1F

 FFFFEO

 298100

FFFFFFE

 006800

 004F00

 003700

 002100

 000000

 9DF071

 9DF071

 8DF059

 ADF089

 7EF041

 BCF0A1

 6EF029

 CCF0B9

 5EF011

 DCF0D1

 53F000

 EBF0E9

 FBF0FF

 FFF0FF

Harmonies

Analogous

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



E7E04D



9DF071



00F9AE

Triad

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



9DF071



00EEFF



FF9FC3

Complementary

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



9DF071



C471F0

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.



FFA6FF



9DF071



90D9FF

Square

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



9DF071



00F9FF



FFBEFF



FFAF84

Rectangle

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



9DF071



00FCDD



FFBEFF



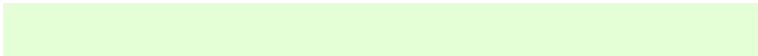
FF9EDA

Sweetspot

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



9DF071



E4FFD6



F0C471



708067



000000



808080

Same Dimension

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



9DF071



94FF5C



71F084



70786C



40B800



133800

Inverse Universe

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



C471F0



C65CFF



F071DD



746C78



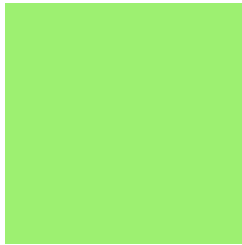
7800B8



250038

Previews

White Background



This preview shows how the Hex color 9DF071 looks on a white background.

Color Contrast Check

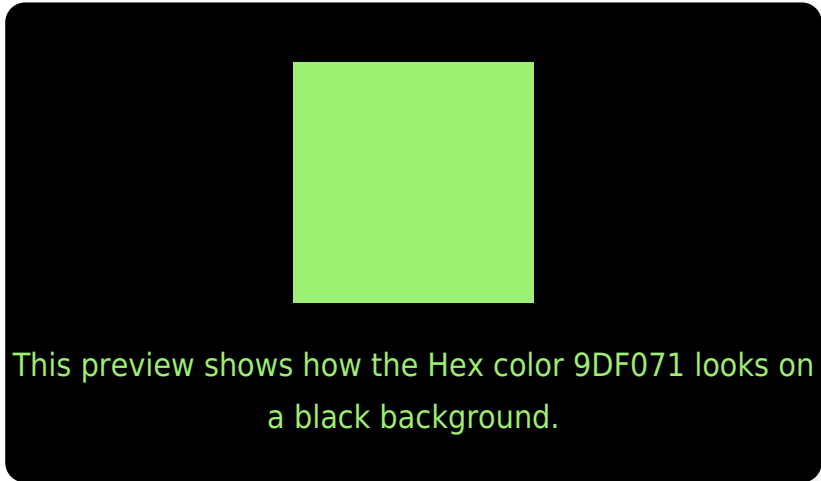
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

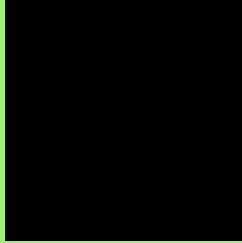
Any Text WCAG AA ✓ Pass

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 9DF071 Background



This preview shows how black text looks on a background with the Hex color 9DF071.

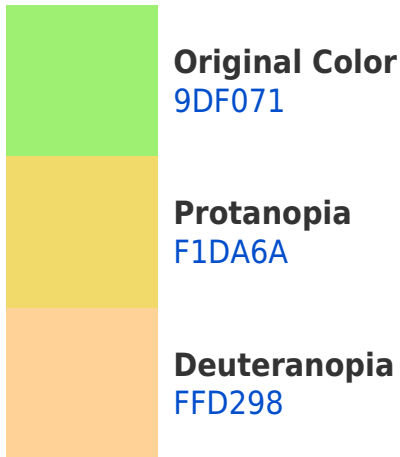


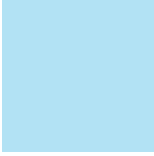
This preview shows how white text looks on a background with the Hex color 9DF071.

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



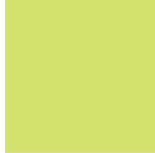


Tritanopia
B2E2F4

Trichromacy



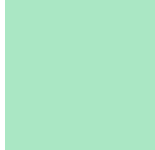
Original Color
9DF071



Protanomaly
D2E26D



Deuteranomaly
DBDD8A

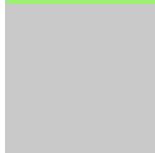


Tritanomaly
AAE7C4

Monochromacy



Original Color
9DF071



Achromatopsia
C9C9C9



Achromatomaly
B9D7A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 9DF071 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 #9DF071 looks like.

```
.text, #text, p{  
    color:#9DF071  
}
```

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 #9DF071 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9DF071
}
```

Border

The CSS property to change the border of an element to Hex 9DF071 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
#9DF071 }
```

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

```
.border{ border-color:#9DF071 }
```

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

Here you see how a box with a 4 pixel #9DF071 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9DF071; -webkit-box-shadow:4px 4px  
4px 4px #9DF071; box-shadow:4px 4px 4px  
4px #9DF071 }
```

Background

The CSS property to change the background color of an element to Hex 9DF071 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9DF071 }
```

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

```
.background{ background-color:#9DF071 }
```

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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