

Converting Colors

Hex(9CF694)

Have a look what the booklet for
Hex(9CF694) contains.

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Color

Hex(9CF694)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | 9CF694 |
| RGB | 156, 246, 148 |
| RGB Percent | 61%, 96%, 58% |
| CMY | 0.3882, 0.0353, 0.4196 |
| CMYK | 0.37, 0.00, 0.40, 0.04 |
| HSL | 115°, 84%, 77% |
| HSV | 115°, 40%, 96% |
| XYZ | 52.0114, 75.1176, 39.7748 |
| YIQ | 207.9180, -22.1820, -49.5580 |

Conversions

Conversions Part 2

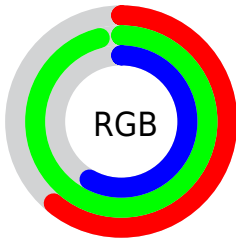
| Format | Color |
|-------------------------------------|--|
| RYB | 148, 246, 238 |
| Decimal | 10286740 |
| CIELab | 89.45, -45.55, 38.84 |
| CIELCh | 89, 59.858, 139.548 |
| Yxy | 75.1176, 0.3116, 0.4501 |
| Android (android.graphics.Color) | 4288476820 (0xFF9CF694) |
| YUV | 207.9180, -29.5396, -45.5321 |
| Hunter-Lab | 86.6704, -44.5544, 33.4599 |

Details

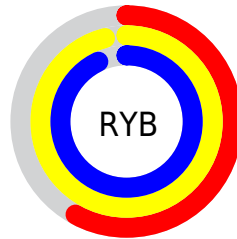
The Hex color **9CF694** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **EE94F6**, and the grayscale version is **D0D0D0**.

A 20% lighter version of the original color is **D5FFCB**, and **64BD60** is the 20% darker color. If you saturate the color by 10%, you get **85F67B**, and if you desaturate by 10%, it is **B3F6AD**.

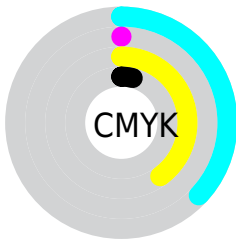
Distribution



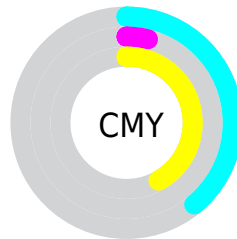
- Red (61%)
- Green (96%)
- Blue (58%)



- Red (58%)
- Yellow (96%)
- Blue (93%)



- Cyan (37%)
- Magenta (0%)
- Yellow (40%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF694 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 9CF694 by changing the saturation by 10% instead.

 9CF694

FFFFFF

 D5FFCB

 F3FFE7

 9CF694


 80D97A

 64BD60

 48A247

 29872E

 006D14

 005400

 003B00

 002600

 000000

 9CF694

 9CF694

 85F67B

 B3F6AD

 6FF663

 C9F6C5

 58F64A

 E0F6DE

 42F632

 F6F6F6

 2BF619

 FFF6FF

 14F600

Harmonies

Analogous

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



DEE971



9CF694



32FDCA

Triad

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



9CF694



40EDFF



FFB3BE

Complementary

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



9CF694



EE94F6

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.



FFB3F7



9CF694



C5DAFF

Square

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



9CF694



00F9FF



FFC3FF



FFC28C

Rectangle

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



9CF694



00FEF2



FFC3FF



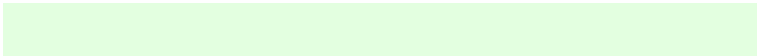
FFB1D1

Sweetspot

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



9CF694



E3FFE0



F6EE94



6F806E



000000



808080

Same Dimension

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



9CF694



8FFF85



94F6BD



6F7A6E



0FBA00



053B00

Inverse Universe

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



EE94F6



F585FF



F694CD



796E7A



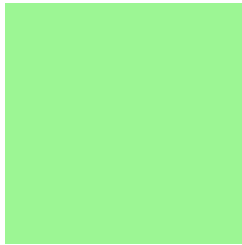
AB00BA



36003B

Previews

White Background



This preview shows how the Hex color 9CF694 looks on a white background.

Color Contrast Check

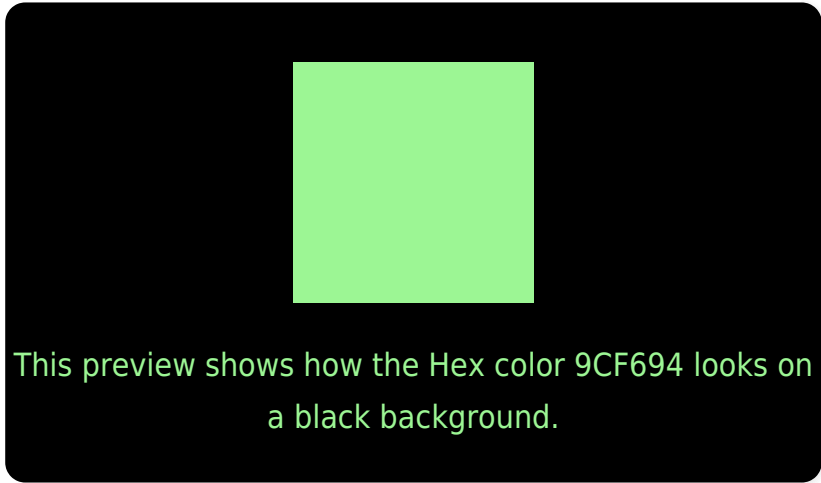
Large Text (above 18pt) WCAG AA × Fail

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

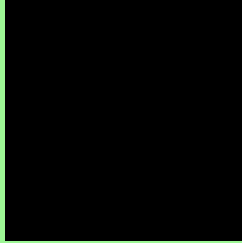
Any Text WCAG AA ✓ Pass

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 9CF694 Background



This preview shows how black text looks on a background with the Hex color 9CF694.

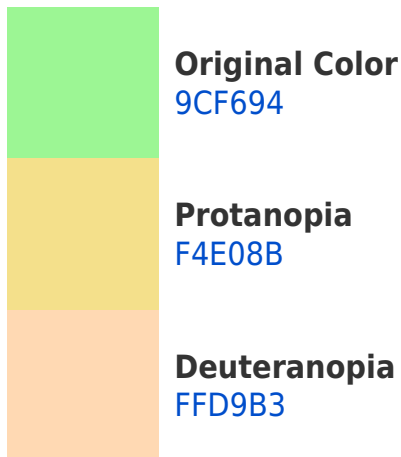


This preview shows how white text looks on a background with the Hex color 9CF694.

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](#).

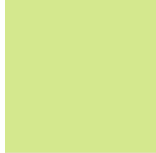
Dichromacy



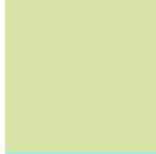
Trichromacy



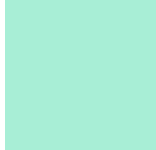
Original Color
9CF694



Protanomaly
D4E88E

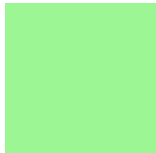


Deuteranomaly
DBE4A8

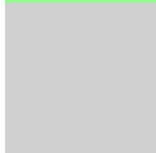


Tritanomaly
A8EED6

Monochromacy



Original Color
9CF694



Achromatopsia
D0D0D0



Achromatomaly
BDDEBA

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF694 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 #9CF694 looks like.

```
.text, #text, p{  
    color:#9CF694  
}
```

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 #9CF694 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF694
}
```

Border

The CSS property to change the border of an element to Hex 9CF694 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
#9CF694 }
```

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

```
.border{ border-color:#9CF694 }
```

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

Here you see how a box with a 4 pixel #9CF694 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF694; -webkit-box-shadow:4px 4px  
4px 4px #9CF694; box-shadow:4px 4px 4px  
4px #9CF694 }
```

Background

The CSS property to change the background color of an element to Hex 9CF694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF694 }
```

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

```
.background{ background-color:#9CF694 }
```

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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