

Converting Colors

Hex(9CF479)

Have a look what the booklet for
Hex(9CF479) contains.

Hex(9CF479)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(9CF479)

Conversions

Conversions Part 1

Format	Color
Hex	9CF479
RGB	156, 244, 121
RGB Percent	61%, 96%, 47%
CMY	0.3882, 0.0431, 0.5255
CMYK	0.36, 0.00, 0.50, 0.04
HSL	103°, 85%, 72%
HSV	103°, 50%, 96%
XYZ	49.5122, 73.1498, 29.5989
YIQ	203.6660, -12.9650, -56.9090

Conversions

Conversions Part 2

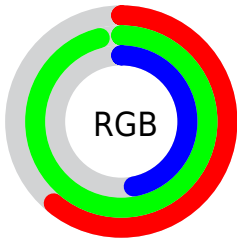
Format	Color
RYB	121, 244, 209
Decimal	10286201
CIELab	88.52, -48.20, 50.65
CIElCh	89, 69.918, 133.584
Yxy	73.1498, 0.3252, 0.4804
Android (android.graphics.Color)	4288476281 (0xFF9CF479)
YUV	203.6660, -40.7543, -41.8031
Hunter-Lab	85.5276, -46.3392, 39.3506

Details

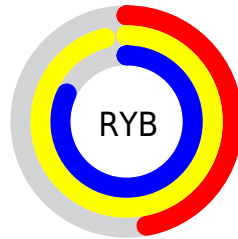
The Hex color **9CF479** is a light color, and the websafe version is hex **99FF99**. A complement of this color would be **D179F4**, and the grayscale version is **CCCCCC**.

A 20% lighter version of the original color is **D6FFB0**, and **63BB44** is the 20% darker color. If you saturate the color by 10%, you get **8BF461**, and if you desaturate by 10%, it is **ADF491**.

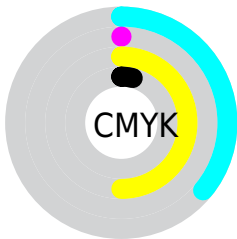
Distribution



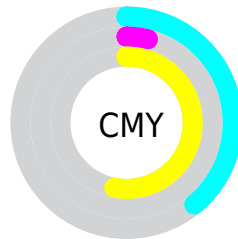
- Red (61%)
- Green (96%)
- Blue (47%)



- Red (47%)
- Yellow (96%)
- Blue (82%)



- Cyan (36%)
- Magenta (0%)
- Yellow (50%)
- Black (4%)



- Cyan (39%)
- Magenta (4%)
- Yellow (53%)

Brightness & Saturation Gradients

These gradients show how the Hex color 9CF479 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 9CF479 by changing the saturation by 10% instead.

 9CF479

 9CF479

FFFFFF

 80D75E

 D6FFB0

 63BB44

 F4FFCC

 46A029

 FFFFE9

 268507

 006B00

 005200

 003A00

 002400

 000000

 9CF479

 9CF479

 8BF461

 ADF491

 79F448

 BFF4AA

 68F430

 D0F4C2

 56F417

 E2F4DB

 45F400

 F3F4F3

 FFF4FF

Harmonies

Analogous

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



E6E454



9CF479



00FDB6

Triad

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



9CF479



00F0FF



FFA4C2

Complementary

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



9CF479



D179F4

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.



FFA9FF



9CF479



9FDBFF

Square

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



9CF479



00FBFF



FFC0FF



FFB485

Rectangle

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



9CF479



00FFE4



FFC0FF



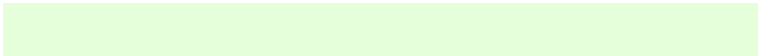
FFA3D9

Sweetspot

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



9CF479



E4FFD9



F4CF79



6F8069



000000



808080

Same Dimension

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



9CF479



92FF66



79F492



727A6E



35BA00



113B00

Inverse Universe

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



D179F4



D366FF



F479DB



776E7A



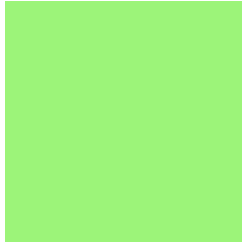
8500BA



2A003B

Previews

White Background



This preview shows how the Hex color 9CF479 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 9CF479 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 9CF479 Background



This preview shows how black text looks on a background with the Hex color 9CF479.

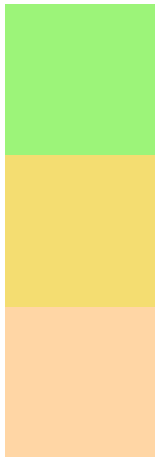


This preview shows how white text looks on a background with the Hex color 9CF479.

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](#).

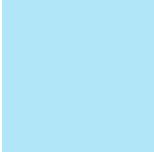
Dichromacy



Original Color
9CF479

Protanopia
F4DD71

Deuteranopia
FFD6A5

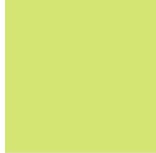


Tritanopia
B1E6F8

Trichromacy



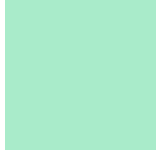
Original Color
9CF479



Protanomaly
D4E574



Deuteranomaly
DBE195

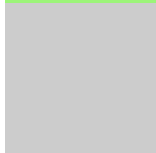


Tritanomaly
A9EBCA

Monochromacy



Original Color
9CF479



Achromatopsia
CCCCCC



Achromatomaly
BBDBAE

CSS Examples

Text

The CSS property to change the color of the text to Hex 9CF479 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 #9CF479 looks like.

```
.text, #text, p{  
    color:#9CF479  
}
```

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 #9CF479 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #9CF479
}
```

Border

The CSS property to change the border of an element to Hex 9CF479 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
#9CF479 }
```

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

```
.border{ border-color:#9CF479 }
```

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

Here you see how a box with a 4 pixel #9CF479 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #9CF479; -webkit-box-shadow:4px 4px  
4px 4px #9CF479; box-shadow:4px 4px 4px  
4px #9CF479 }
```

Background

The CSS property to change the background color of an element to Hex 9CF479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#9CF479 }
```

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

```
.background{ background-color:#9CF479 }
```

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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