

# Converting Colors

Hex(DAFF79)

Have a look what the booklet for  
Hex(DAFF79) contains.

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# Color

**Hex(DAFF79)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAFF79
RGB	218, 255, 121
RGB Percent	85%, 100%, 47%
CMY	0.1451, 0.0000, 0.5255
CMYK	0.15, 0.00, 0.53, 0.00
HSL	77°, 100%, 74%
HSV	77°, 53%, 100%
XYZ	68.1246, 87.8059, 31.4468
YIQ	228.6610, 20.9620, -49.5180

# Conversions

## Conversions Part 2

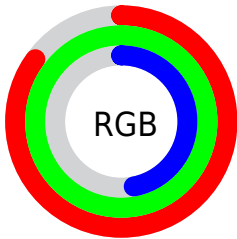
Format	Color
<a href="#">RYB</a>	<a href="#">121, 255, 158</a>
Decimal	<a href="#">14352249</a>
CIELab	<a href="#">95.08, -31.32, 59.31</a>
CIELCh	<a href="#">95, 67.078, 117.839</a>
Yxy	<a href="#">87.8059, 0.3636, 0.4686</a>
Android (android.graphics.Color)	<a href="#">4292542329 (0xFFDAFF79)</a>
YUV	<a href="#">228.6610, -53.0769, -9.3497</a>
Hunter-Lab	<a href="#">93.7048, -34.2115, 45.6959</a>

# Details

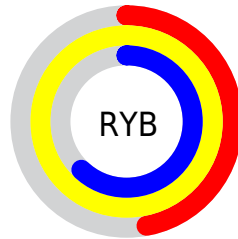
The Hex color **DAFF79** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9E79FF**, and the grayscale version is **E5E5E5**.

A 20% lighter version of the original color is **FFFFB0**, and **A1C643** is the 20% darker color. If you saturate the color by 10%, you get **D3FF60**, and if you desaturate by 10%, it is **E1FF93**.

# Distribution



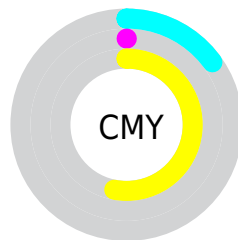
- Red (85%)
- Green (100%)
- Blue (47%)



- Red (47%)
- Yellow (100%)
- Blue (62%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)
- Black (0%)



- Cyan (15%)
- Magenta (0%)
- Yellow (53%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAFF79 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 DAFF79 by changing the saturation by 10% instead.



 DAFF79

FFFFFF

 FFFFB0

 FFFFCB

 FFFFEB

 DAFF79

 BDE25E

 A1C643

 85AB26

 699000

 4E7600

 345D00

 164600

 002F00

 001A00

 DAFF79

 DAFF79

 D3FF60

 E1FF93

 CCFF46

 E8FFAC

 C5FF2C

 EFFF C5

 BEFF13

 F6FFDF

 B9FF00

 FDFFF9

FFFFFF

# Harmonies

## Analogous

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



FFEC6B



DAFF79



88FFA9

# Triad

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



DAFF79



00FFFF



FFBAF8

# Complementary

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



DAFF79



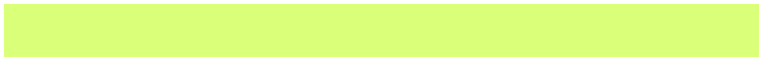
9E79FF

# 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.



FFC9FF



DAFF79



68F9FF

# Square

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



DAFF79



00FFFF



EDE2FF



FFBFB8

# Rectangle

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



DAFF79



1AFFD3



EDE2FF



FFBDFF

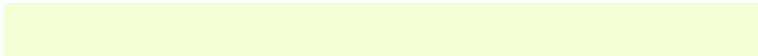


# Sweetspot

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



DAFF79



F4FFD6



FF9D79



798067



000000

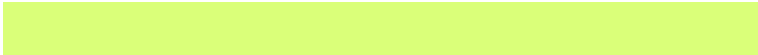


808080



# Same Dimension

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



DAFF79



D3FF5E



98FF79



7C8073



8ABF00



2E4000



# Inverse Universe

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



9E79FF



8B5EFF



E079FF



767380



3500BF

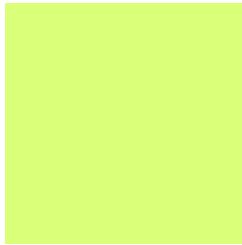


120040



# Previews

## White Background



This preview shows how the Hex color DAFF79 looks on a white background.

## Color Contrast Check

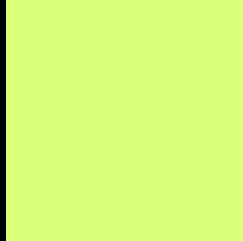
Large Text (above 18pt) WCAG AA × Fail

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 DAFF79 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 DAFF79 Background



This preview shows how black text looks on a background with the Hex color DAFF79.

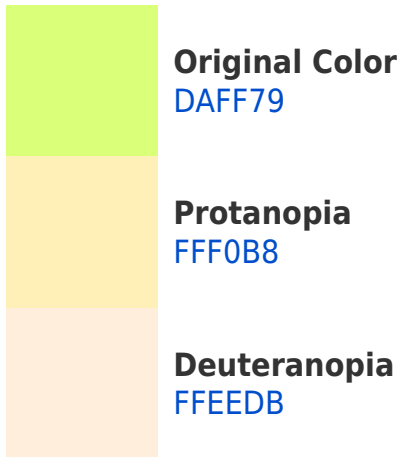


This preview shows how white text looks on a background with the Hex color DAFF79.

# Color Blindness Simulation

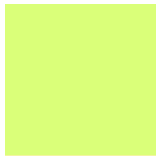
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

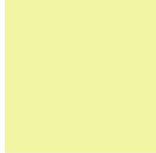




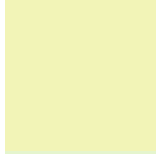
# Trichromacy



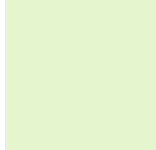
**Original Color**  
DAFF79



**Protanomaly**  
F2F5A1



**Deuteranomaly**  
F2F4B7

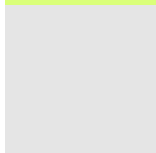


**Tritanomaly**  
E5F5CE

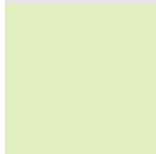
# Monochromacy



**Original Color**  
DAFF79



**Achromatopsia**  
E5E5E5



**Achromatomaly**  
E1EEBE

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAFF79 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 #DAFF79 looks like.

```
.text, #text, p{  
    color:#DAFF79  
}
```

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 #DAFF79 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAFF79
}
```

## Border

The CSS property to change the border of an element to Hex DAFF79 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
#DAFF79 }
```

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

```
.border{ border-color:#DAFF79 }
```

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

Here you see how a box with a 4 pixel #DAFF79 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAFF79; -webkit-box-shadow:4px 4px  
4px 4px #DAFF79; box-shadow:4px 4px 4px  
4px #DAFF79 }
```

# Background

The CSS property to change the background color of an element to Hex DAFF79 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAFF79 }
```

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

```
.background{ background-color:#DAFF79 }
```

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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