

# Converting Colors

Hex(DAF709)

Have a look what the booklet for  
Hex(DAF709) contains.

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**Color**

**Hex(DAF709)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DAF709
RGB	218, 247, 9
RGB Percent	85%, 97%, 4%
CMY	0.1451, 0.0314, 0.9647
CMYK	0.12, 0.00, 0.96, 0.03
HSL	67°, 94%, 50%
HSV	67°, 96%, 97%
XYZ	62.2235, 81.4467, 12.6997
YIQ	211.1970, 59.1140, -80.1660

# Conversions

## Conversions Part 2

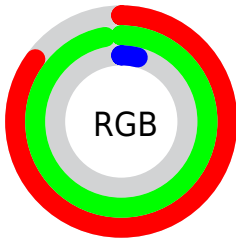
Format	Color
R <sub>Y</sub> B	9, 247, 38
Decimal	14350089
CIE Lab	92.33, -32.79, 89.06
CIE LCh	92, 94.902, 110.212
Yxy	81.4467, 0.3979, 0.5209
Android (android.graphics.Color)	4292540169 (0xFFDAF709)
YUV	211.1970, -99.6831, 5.9662
Hunter-Lab	90.2478, -34.8626, 54.8302

# Details

The Hex color **DAF709** is a light color, and the websafe version is hex **CCFF00**. The color can be described as light saturated yellow. A complement of this color would be **2609F7**, and the grayscale version is **D4D4D4**.

A 20% lighter version of the original color is **FFFF60**, and **9EBF00** is the 20% darker color. If you saturate the color by 10%, you get **D9F700**, and if you desaturate by 10%, it is **DDF722**.

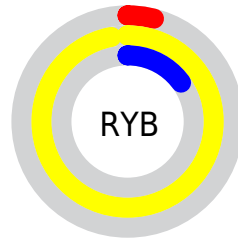
# Distribution



Red (85%)

Green (97%)

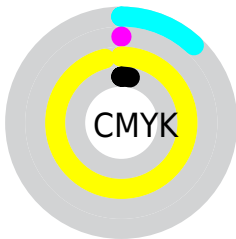
Blue (4%)



Red (4%)

Yellow (97%)

Blue (15%)

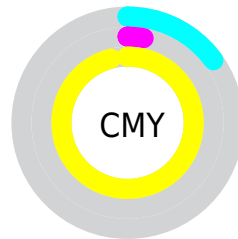


Cyan (12%)

Magenta (0%)

Yellow (96%)

Black (3%)



Cyan (15%)

Magenta (3%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DAF709 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 DAF709 by changing the saturation by 10% instead.



 DAF709

 DAF709

FFFFFF

 BCDB00

 FFFF60

 9EBF00

 FFFF7E

 81A400

 FFFF9C

 648900

 FFFFBA

 467000

 FFFFD8

 295700

 FFFFF7

 064000

 002900

 000F00

 DAF709

 DAF709

 D9F700

 DDF722

 E0F73A

 E3F753

 E6F76C

 E9F785

 ECF79D

 EFF7B6

 F2F7CF

 F5F7E7

# Harmonies

## Analogous

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



FFDA00



DAF709



61FF6B

# Triad

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



DAF709



00FFFF



FF90FF

# Complementary

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



DAF709



2609F7

# 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.



FFB4FF



DAF709



00FCFF

# Square

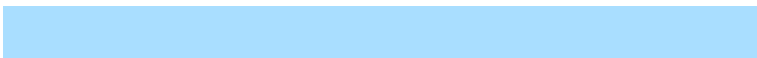
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DAF709



00FFFF



A9DEFF



FF91B0

# Rectangle

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



DAF709



00FFA7



A9DEFF



FF99FF



# Sweetspot

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



DAF709



F6FFB5



F72509



7A8053



000000



808080



# Same Dimension

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



DAF709



E0FF00



64F709



797A6E



A3BA00



343B00



# Inverse Universe

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



2609F7



1F00FF



9C09F7



706E7A



1700BA

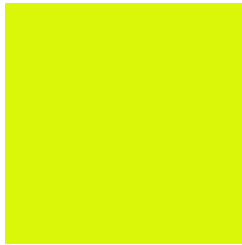


07003B



# Previews

## White Background



This preview shows how the Hex color DAF709 looks on a white background.

## Color Contrast Check

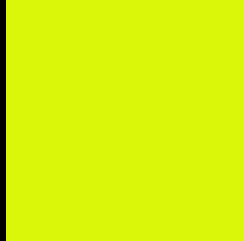
Large Text (above 18pt) WCAG AA × Fail

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 DAF709 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 DAF709 Background



This preview shows how black text looks on a background with the Hex color DAF709.

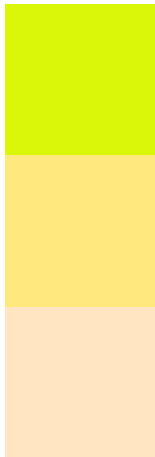


This preview shows how white text looks on a background with the Hex color DAF709.

# 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**  
DAF709

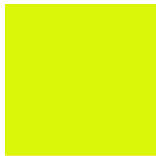
**Protanopia**  
FFE97E

**Deuteranopia**  
FFE5C2

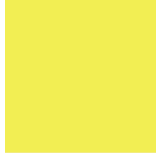


**Tritanopia**  
EDE6F8

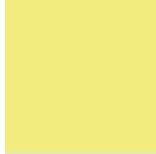
# Trichromacy



**Original Color**  
DAF709



**Protanomaly**  
F2EE53

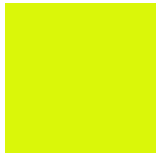


**Deuteranomaly**  
F2EC7F

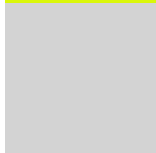


**Tritanomaly**  
E6ECA1

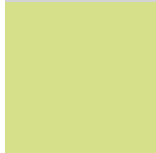
# Monochromacy



**Original Color**  
DAF709



**Achromatopsia**  
D3D3D3



**Achromatomaly**  
D6E08A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DAF709 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 #DAF709 looks like.

```
.text, #text, p{  
    color:#DAF709  
}
```

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 #DAF709 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DAF709
}
```

## Border

The CSS property to change the border of an element to Hex DAF709 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
#DAF709 }
```

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

```
.border{ border-color:#DAF709 }
```

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

Here you see how a box with a 4 pixel #DAF709 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DAF709; -webkit-box-shadow:4px 4px  
4px 4px #DAF709; box-shadow:4px 4px 4px  
4px #DAF709 }
```

# Background

The CSS property to change the background color of an element to Hex DAF709 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DAF709 }
```

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

```
.background{ background-color:#DAF709 }
```

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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