

# Converting Colors

Hex(D7FA09)

Have a look what the booklet for  
Hex(D7FA09) contains.

<b>Hex(D7FA09)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(D7FA09)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D7FA09
RGB	215, 250, 9
RGB Percent	84%, 98%, 4%
CMY	0.1569, 0.0196, 0.9647
CMYK	0.14, 0.00, 0.96, 0.02
HSL	69°, 96%, 51%
HSV	69°, 96%, 98%
XYZ	62.2592, 82.8380, 12.9664
YIQ	212.0610, 56.5010, -82.3710

# Conversions

## Conversions Part 2

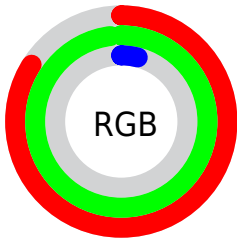
Format	Color
R <sub>Y</sub> B	9, 250, 44
Decimal	14154249
CIE Lab	92.94, -35.35, 89.44
CIE LCh	93, 96.169, 111.566
Yxy	82.8380, 0.3939, 0.5241
Android (android.graphics.Color)	4292344329 (0xFFD7FA09)
YUV	212.0610, -100.1091, 2.5775
Hunter-Lab	91.0154, -37.1737, 55.2641

# Details

The Hex color **D7FA09** 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 **2C09FA**, and the grayscale version is **D5D5D5**.

A 20% lighter version of the original color is **FFFF60**, and **9BC200** is the 20% darker color. If you saturate the color by 10%, you get **D6FA00**, and if you desaturate by 10%, it is **DBFA22**.

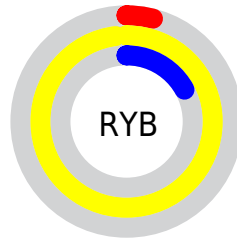
# Distribution



Red (84%)

Green (98%)

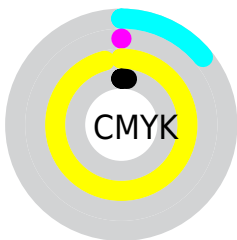
Blue (4%)



Red (4%)

Yellow (98%)

Blue (17%)

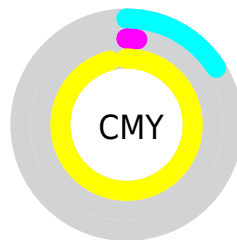


Cyan (14%)

Magenta (0%)

Yellow (96%)

Black (2%)



Cyan (16%)

Magenta (2%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D7FA09 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 D7FA09 by changing the saturation by 10% instead.



 D7FA09

 D7FA09

FFFFFF

 B9DD00

 FFFF60

 9BC200

 FFFF7F

 7EA600

 FFFF9D

 618C00

 FFFFBB

 437200

 FFFFD9

 245900

 FFFFF7

 004200

 002B00

 001200

 D7FA09

 D7FA09

 D6FA00

 DBFA22

 DEFA3B

 E2FA54

 E6FA6D

 E9FA86

 EDFA9F

 F0FAB8

 F4FAD1

 F8FAEA

# Harmonies

## Analogous

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



FFDD00



D7FA09



56FF6F

# Triad

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



D7FA09



00FFFF



FF8FFF

# Complementary

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



D7FA09



2C09FA

# 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.



FFB2FF



D7FA09



00FDFF

# Square

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



D7FA09



00FFFF



B3DDFF



FF92AC

# Rectangle

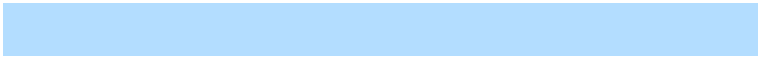
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



D7FA09



00FFAC



B3DDFF



FF98FF

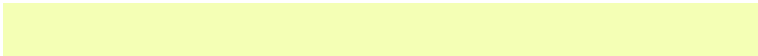


# Sweetspot

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



D7FA09



F4FFB5



FA2909



798053



000000



808080



# Same Dimension

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



D7FA09



DAFF00



61FA09



7B7D70



A1BD00



343D00



# Inverse Universe

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



2C09FA



2500FF



A209FA



72707D



1B00BD

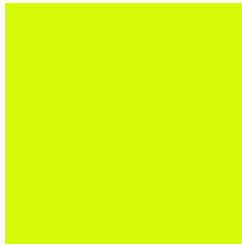


09003D



# Previews

## White Background



This preview shows how the Hex color D7FA09 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 D7FA09 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 D7FA09 Background



This preview shows how black text looks on a background with the Hex color D7FA09.



This preview shows how white text looks on a background with the Hex color D7FA09.

# 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**  
D7FA09

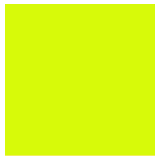
**Protanopia**  
FFEB8C

**Deuteranopia**  
FFE6C7



**Tritanopia**  
EAE8FB

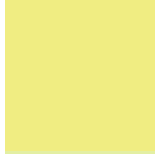
# Trichromacy



**Original Color**  
D7FA09



**Protanomaly**  
F0F05C



**Deuteranomaly**  
F0ED82

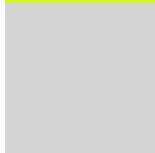


**Tritanomaly**  
E3EFA3

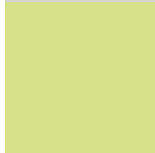
# Monochromacy



**Original Color**  
D7FA09



**Achromatopsia**  
D4D4D4



**Achromatomaly**  
D5E28A

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D7FA09 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 #D7FA09 looks like.

```
.text, #text, p{  
    color:#D7FA09  
}
```

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 #D7FA09 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D7FA09
}
```

## Border

The CSS property to change the border of an element to Hex D7FA09 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
#D7FA09 }
```

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

```
.border{ border-color:#D7FA09 }
```

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

Here you see how a box with a 4 pixel #D7FA09 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D7FA09; -webkit-box-shadow:4px 4px  
4px 4px #D7FA09; box-shadow:4px 4px 4px  
4px #D7FA09 }
```

# Background

The CSS property to change the background color of an element to Hex D7FA09 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D7FA09 }
```

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

```
.background{ background-color:#D7FA09 }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor