

# Converting Colors

Hex(DDF64F)

Have a look what the booklet for  
Hex(DDF64F) contains.

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# Color

**Hex(DDF64F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	DDF64F
RGB	221, 246, 79
RGB Percent	87%, 96%, 31%
CMY	0.1333, 0.0353, 0.6902
CMYK	0.10, 0.00, 0.68, 0.04
HSL	69°, 90%, 64%
HSV	69°, 68%, 96%
XYZ	64.1858, 81.8482, 19.8125
YIQ	219.4870, 38.7070, -57.2370

# Conversions

## Conversions Part 2

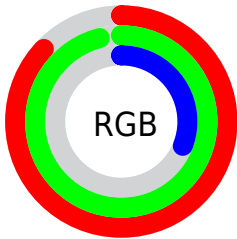
Format	Color
<a href="#">RYB</a>	<a href="#">79, 246, 104</a>
Decimal	<a href="#">14546511</a>
CIELab	<a href="#">92.51, -29.04, 73.75</a>
CIELCh	<a href="#">93, 79.260, 111.491</a>
Yxy	<a href="#">81.8482, 0.3870, 0.4935</a>
Android (android.graphics.Color)	<a href="#">4292736591</a> ( <a href="#">0xFFDDDF64F</a> )
YUV	<a href="#">219.4870, -69.2601, 1.3269</a>
Hunter-Lab	<a href="#">90.4700, -31.6819, 50.3448</a>

# Details

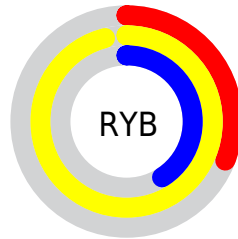
The Hex color **DDF64F** is a light color, and the websafe version is hex **CCFF66**. The color can be described as light washed yellow. A complement of this color would be **684FF6**, and the grayscale version is **DCDCDC**.

A 20% lighter version of the original color is **FFFF89**, and **A2BE00** is the 20% darker color. If you saturate the color by 10%, you get **D9F636**, and if you desaturate by 10%, it is **E1F668**.

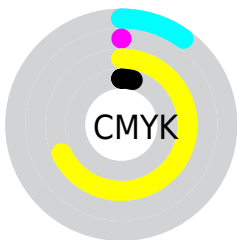
# Distribution



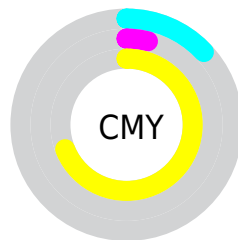
- Red (87%)
- Green (96%)
- Blue (31%)



- Red (31%)
- Yellow (96%)
- Blue (41%)



- Cyan (10%)
- Magenta (0%)
- Yellow (68%)
- Black (4%)



- Cyan (13%)
- Magenta (4%)
- Yellow (69%)

# Brightness & Saturation Gradients

These gradients show how the Hex color DDF64F 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 DDF64F by changing the saturation by 10% instead.



 DDF64F

 DDF64F

FFFFFFF

 BFDA2F

 FFFF89

 A2BE00

 FFFFA5

 86A300

 FFFFC2

 698800

 FFFFDF

 4E6F00

FFFFFFD

 325600

 143F00

 002900

 001000

 DDF64F

 DDF64F

 D9F636

 E1F668

 D6F61E

 E4F680

 D2F605

 E8F699

 D1F600

 ECF6B1

 EFF6CA

 F3F6E3

 F7F6FB

 FAF6FF

 FEF6FF

# Harmonies

## Analogous

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



FFDE48



DDF64F



7EFF86

# Triad

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



DDF64F



00FFFF



FFA6FF

# Complementary

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



DDF64F



684FF6

# 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.



FFBEFF



DDF64F



00F8FF

# Square

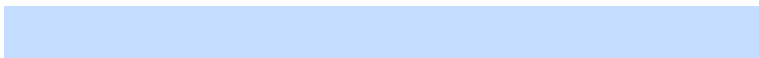
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



DDF64F



00FFFF



C5DEFF



FFA7B6

# Rectangle

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



DDF64F



00FFB6



C5DEFF



FFACFF

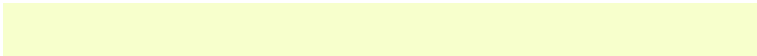


# Sweetspot

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



DDF64F



F7FFCC



F6654F



7B8061



000000



808080



# Same Dimension

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



DDF64F



E0FF30



8CF64F



797A6E



9EBA00



323B00



# Inverse Universe

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



684FF6



4F30FF



B94FF6



706E7A



1C00BA



09003B



# Previews

## White Background



This preview shows how the Hex color DDF64F looks on a white background.

## Color Contrast Check

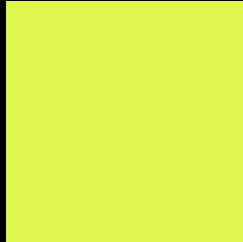
Large Text (above 18pt) WCAG AA × Fail

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 DDF64F 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 DDF64F Background



This preview shows how black text looks on a background with the Hex color DDF64F.

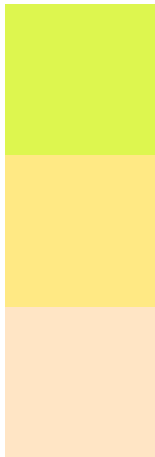


This preview shows how white text looks on a background with the Hex color DDF64F.

# 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**  
DDF64F

**Protanopia**  
FFE984

**Deuteranopia**  
FFE5C5

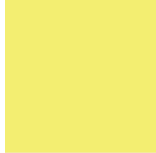


**Tritanopia**  
EEE6F8

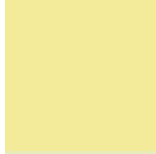
# Trichromacy



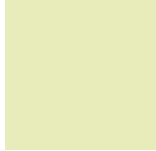
**Original Color**  
DDF64F



**Protanomaly**  
F3EE71



**Deuteranomaly**  
F3EB9A

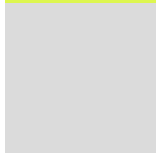


**Tritanomaly**  
E8ECBB

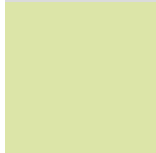
# Monochromacy



**Original Color**  
DDF64F



**Achromatopsia**  
DBDBDB



**Achromatomaly**  
DCE5A8

# CSS Examples

## Text

The CSS property to change the color of the text to Hex DDF64F 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 #DDF64F looks like.

```
.text, #text, p{  
    color:#DDF64F  
}
```

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 #DDF64F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #DDF64F
}
```

## Border

The CSS property to change the border of an element to Hex DDF64F 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
#DDF64F }
```

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

```
.border{ border-color:#DDF64F }
```

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

Here you see how a box with a 4 pixel #DDF64F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #DDF64F; -webkit-box-shadow:4px 4px  
4px 4px #DDF64F; box-shadow:4px 4px 4px  
4px #DDF64F }
```

# Background

The CSS property to change the background color of an element to Hex DDF64F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#DDF64F }
```

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

```
.background{ background-color:#DDF64F }
```

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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