

# Converting Colors

Hex(D0F16F)

Have a look what the booklet for  
Hex(D0F16F) contains.

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# Color

**Hex(D0F16F)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D0F16F
RGB	208, 241, 111
RGB Percent	82%, 95%, 44%
CMY	0.1843, 0.0549, 0.5647
CMYK	0.14, 0.00, 0.54, 0.05
HSL	75°, 82%, 69%
HSV	75°, 54%, 95%
XYZ	60.3370, 77.4682, 26.8117
YIQ	216.3130, 22.0620, -47.4260

# Conversions

## Conversions Part 2

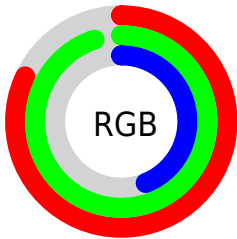
Format	Color
<a href="#">RYB</a>	<a href="#">111, 241, 144</a>
Decimal	<a href="#">13693295</a>
CIELab	<a href="#">90.54, -29.49, 58.33</a>
CIELCh	<a href="#">91, 65.358, 116.822</a>
Yxy	<a href="#">77.4682, 0.3665, 0.4706</a>
Android (android.graphics.Color)	<a href="#">4291883375 (0xFFD0F16F)</a>
YUV	<a href="#">216.3130, -51.9193, -7.2905</a>
Hunter-Lab	<a href="#">88.0160, -31.6622, 43.5501</a>

# Details

The Hex color **D0F16F** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **906FF1**, and the grayscale version is **D9D9D9**.

A 20% lighter version of the original color is **FFFA6**, and **97B939** is the 20% darker color. If you saturate the color by 10%, you get **CAF157**, and if you desaturate by 10%, it is **D6F187**.

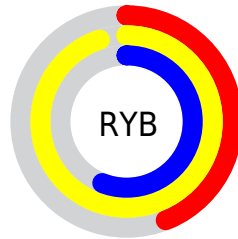
# Distribution



Red (82%)

Green (95%)

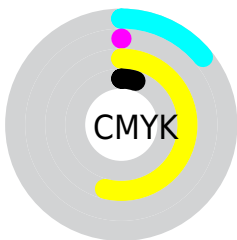
Blue (44%)



Red (44%)

Yellow (95%)

Blue (56%)

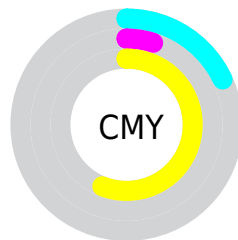


Cyan (14%)

Magenta (0%)

Yellow (54%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0F16F 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 D0F16F by changing the saturation by 10% instead.



 D0F16F

 D0F16F

FFFFFF

 B3D554

 FFFFA6

 97B939

 FFFFC2

 7B9E1A

 FFFFDF

 608400

 FFFFFC

 456A00

 2B5200

 0C3B00

 002500

 000400

 D0F16F

 D0F16F

 CAF157

 D6F187

 C4F13F

 DCF19F

 BEF127

 E2F1B7

 B8F10F

 E8F1CF

 B4F100

 EFF1E7

 F5F1FF

 FBF1FF

 FFF1FF

# Harmonies

## Analogous

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



FFDE62



D0F16F



81FD9D

# Triad

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



D0F16F



00FCFF



FFAFED

# Complementary

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



D0F16F



906FF1

# 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



D0F16F



56EDFF

# Square

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



D0F16F



00FFFF



DDD6FF



FFB3AF

# Rectangle

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



D0F16F



16FFC5



DDD6FF



FFB2FF



# Sweetspot

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



D0F16F



F5FFD6



F18F6F



798067



000000



808080



# Same Dimension

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



D0F16F



D5FF59



8FF16F



75786C



89B800



2A3800



# Inverse Universe

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



906FF1



8359FF



D06FF1



6F6C78



2F00B8

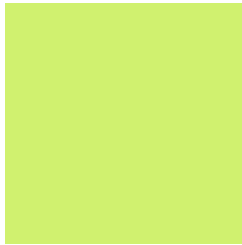


0E0038



# Previews

## White Background



This preview shows how the Hex color D0F16F looks on a white background.

## Color Contrast Check

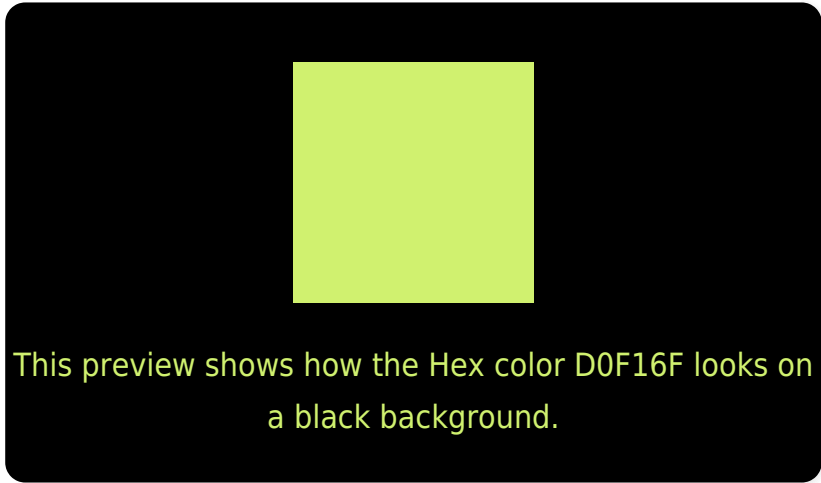
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## 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 D0F16F Background



This preview shows how black text looks on a background with the Hex color D0F16F.

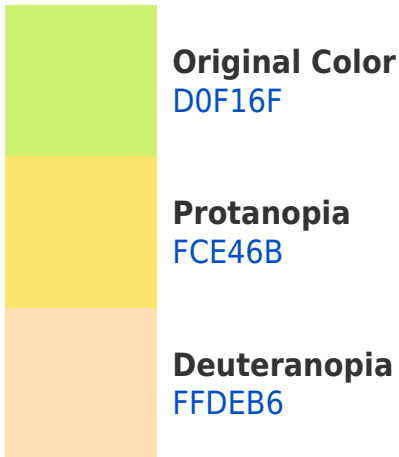


This preview shows how white text looks on a background with the Hex color D0F16F.

# 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](#).

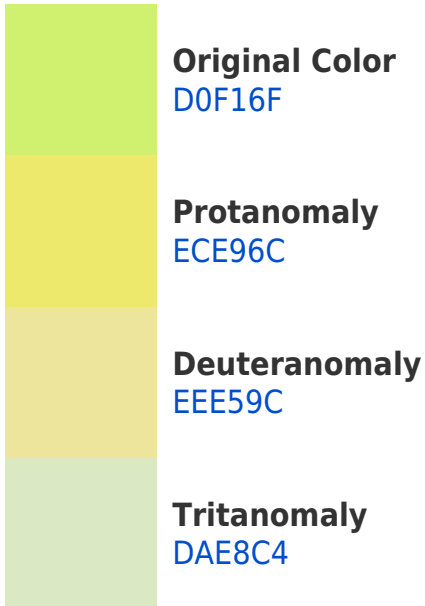
## Dichromacy



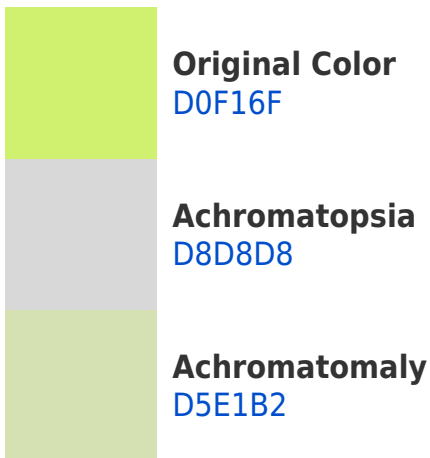


**Tritanopia**  
E0E3F5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0F16F 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 #D0F16F looks like.

```
.text, #text, p{  
    color:#D0F16F  
}
```

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 #D0F16F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0F16F
}
```

## Border

The CSS property to change the border of an element to Hex D0F16F 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
#D0F16F }
```

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

```
.border{ border-color:#D0F16F }
```

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

Here you see how a box with a 4 pixel #D0F16F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0F16F; -webkit-box-shadow:4px 4px  
4px 4px #D0F16F; box-shadow:4px 4px 4px  
4px #D0F16F }
```

# Background

The CSS property to change the background color of an element to Hex D0F16F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0F16F }
```

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

```
.background{ background-color:#D0F16F }
```

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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