

# Converting Colors

Hex(D0F273)

Have a look what the booklet for  
Hex(D0F273) contains.

|  |    |
|--|----|
| <b>Hex(D0F273)</b> .....                       | 3  |
| <i><b>Conversions</b></i> .....                | 4  |
| <i><b>Details</b></i> .....                    | 6  |
| <i><b>Harmonies</b></i> .....                  | 11 |
| <i><b>Previews</b></i> .....                   | 23 |
| <i><b>Color Blindness Simulation</b></i> ..... | 26 |
| <i><b>CSS Examples</b></i> .....               | 29 |

**Color**

**Hex(D0F273)**

# Conversions

## Conversions Part 1

| Format      | Color                       |
|-------------|-----------------------------|
| Hex         | D0F273                      |
| RGB         | 208, 242, 115               |
| RGB Percent | 82%, 95%, 45%               |
| CMY         | 0.1843, 0.0510, 0.5490      |
| CMYK        | 0.14, 0.00, 0.52, 0.05      |
| HSL         | 76°, 83%, 70%               |
| HSV         | 76°, 52%, 95%               |
| XYZ         | 60.8591, 78.1520, 28.0969   |
| YIQ         | 217.3560, 20.5030, -46.7050 |

# Conversions

## Conversions Part 2

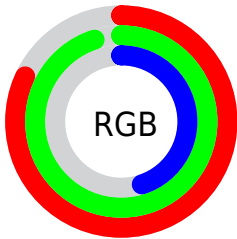
| Format                              | Color                                       |
|-------------------------------------|---|
| <a href="#">RYB</a>                 | <a href="#">115, 242, 149</a>               |
| Decimal                             | <a href="#">13693555</a>                    |
| CIELab                              | <a href="#">90.85, -29.60, 56.89</a>        |
| CIELCh                              | <a href="#">91, 64.133, 117.488</a>         |
| Yxy                                 | <a href="#">78.1520, 0.3642, 0.4677</a>     |
| Android<br>(android.graphics.Color) | <a href="#">4291883635<br/>(0xFFD0F273)</a> |
| YUV                                 | <a href="#">217.3560, -50.4615, -8.2052</a> |
| Hunter-Lab                          | <a href="#">88.4036, -31.8228, 43.0387</a>  |

# Details

The Hex color **D0F273** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **9573F2**, and the grayscale version is **DADADA**.

A 20% lighter version of the original color is **FFFFAA**, and **97BA3D** is the 20% darker color. If you saturate the color by 10%, you get **CAF25B**, and if you desaturate by 10%, it is **D6F28B**.

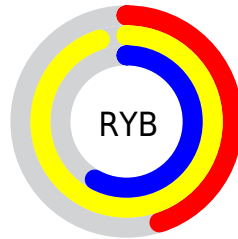
# Distribution



Red (82%)

Green (95%)

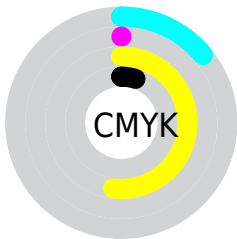
Blue (45%)



Red (45%)

Yellow (95%)

Blue (58%)

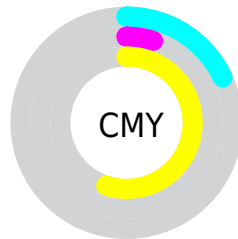


Cyan (14%)

Magenta (0%)

Yellow (52%)

Black (5%)



Cyan (18%)

Magenta (5%)

Yellow (55%)

# Brightness & Saturation Gradients

These gradients show how the Hex color D0F273 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 D0F273 by changing the saturation by 10% instead.



 D0F273

 D0F273

FFFFFF

 B3D658

 FFFFAA

 97BA3D

 FFFFC6

 7C9F20

 FFFFE3

 608500

 466B00

 2C5300

 0D3B00

 002600

 000600

 D0F273

 D0F273

 CAF25B

 D6F28B

 C3F243

 DDF2A3

 BDF22A

 E3F2BC

 B6F212

 EAF2D4

 B1F200

 F0F2EC

 F7F2FF

 FDF2FF

 FFF2FF

# Harmonies

## Analogous

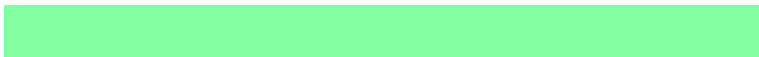
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



FFE066



D0F273



83FEA0

# Triad

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



D0F273



00FCFF



FFB1ED

# Complementary

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



D0F273



9573F2

# 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.



FFBFFF



D0F273



62EDFF

# Square

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



D0F273



00FFFF



E0D7FF



FFB6AF

# Rectangle

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



D0F273



22FFC8



E0D7FF



FFB4FF



# Sweetspot

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



D0F273



F4FFD6



F29573



798067



000000



808080



# Same Dimension

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



D0F273



D4FF5E



91F273



75786C



86B800



293800



# Inverse Universe

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



9573F2



895EFF



D473F2



6F6C78



3100B8



0F0038



# Previews

## White Background



This preview shows how the Hex color D0F273 looks on a white background.

## Color Contrast Check

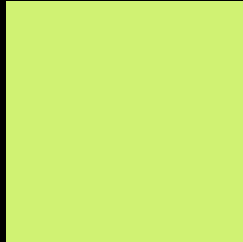
Large Text (above 18pt) WCAG AA × Fail

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 D0F273 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 D0F273 Background



This preview shows how black text looks on a background with the Hex color D0F273.

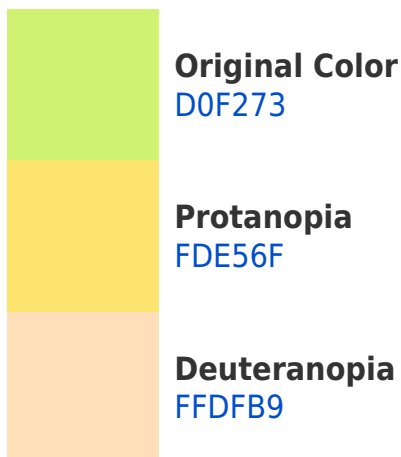


This preview shows how white text looks on a background with the Hex color D0F273.

# 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





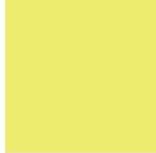
**Tritanopia**  
E0E4F6

# Trichromacy



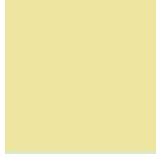
**Original Color**

D0F273



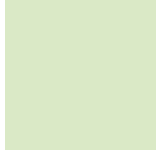
**Protanomaly**

EDEA70



**Deuteranomaly**

EEE6A0



**Tritanomaly**

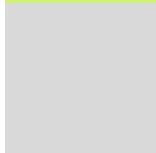
DAE9C6

# Monochromacy



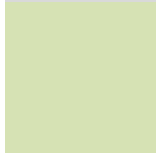
**Original Color**

D0F273



**Achromatopsia**

D9D9D9



**Achromatomaly**

D6E2B4

# CSS Examples

## Text

The CSS property to change the color of the text to Hex D0F273 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 #D0F273 looks like.

```
.text, #text, p{  
    color:#D0F273  
}
```

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 #D0F273 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0F273  
}
```

## Border

The CSS property to change the border of an element to Hex D0F273 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  
#D0F273 }
```

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

```
.border{ border-color:#D0F273 }
```

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

Here you see how a box with a 4 pixel #D0F273 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0F273; -webkit-box-shadow:4px 4px  
4px 4px #D0F273; box-shadow:4px 4px 4px  
4px #D0F273 }
```

# Background

The CSS property to change the background color of an element to Hex D0F273 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0F273 }
```

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

```
.background{ background-color:#D0F273 }
```

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