

Converting Colors

Hex(D0FA6B)

Have a look what the booklet for
Hex(D0FA6B) contains.

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Color

Hex(D0FA6B)

Conversions

Conversions Part 1

Format	Color
Hex	D0FA6B
RGB	208, 250, 107
RGB Percent	82%, 98%, 42%
CMY	0.1843, 0.0196, 0.5804
CMYK	0.17, 0.00, 0.57, 0.02
HSL	78°, 93%, 70%
HSV	78°, 57%, 98%
XYZ	62.8519, 82.8426, 26.5875
YIQ	221.1400, 20.8710, -53.3770

Conversions

Conversions Part 2

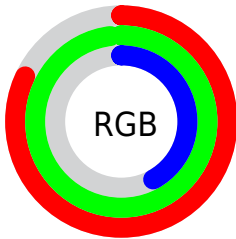
Format	Color
RYB	107, 250, 149
Decimal	13695595
CIELab	92.95, -33.98, 62.83
CIELCh	93, 71.432, 118.409
Yxy	82.8426, 0.3648, 0.4809
Android (android.graphics.Color)	4291885675 (0xFFD0FA6B)
YUV	221.1400, -56.2710, -11.5238
Hunter-Lab	91.0179, -36.0193, 46.3932

Details

The Hex color **D0FA6B** is a light color, and the websafe version is hex **CCFF66**. A complement of this color would be **956BFA**, and the grayscale version is **DEDEDE**.

A 20% lighter version of the original color is **FFFA2**, and **97C133** is the 20% darker color. If you saturate the color by 10%, you get **C9FA52**, and if you desaturate by 10%, it is **D7FA84**.

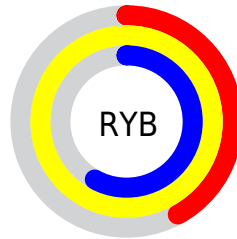
Distribution



Red (82%)

Green (98%)

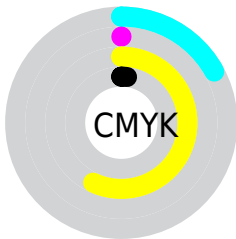
Blue (42%)



Red (42%)

Yellow (98%)

Blue (58%)

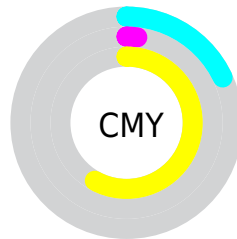


Cyan (17%)

Magenta (0%)

Yellow (57%)

Black (2%)



Cyan (18%)

Magenta (2%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color D0FA6B 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 D0FA6B by changing the saturation by 10% instead.

 D0FA6B

 D0FA6B

FFFFFF

 B3DD4F

 FFFFA2

 97C133

 FFFFBF

 7BA60E

 FFFFDC

 5F8C00

 FFFFF9

 447200

 285900

 034100

 002B00

 001200

 D0FA6B

 D0FA6B

 C9FA52

 D7FA84

 C1FA39

 DFFA9D

 BAFA20

 E6FAB6

 B3FA07

 EDFACF

 B1FA00

 F5FAE8

 FCFAFF

 FFFAFF

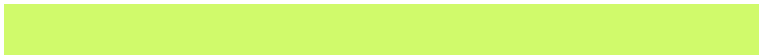
Harmonies

Analogous

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



FFE65A



D0FA6B



75FFA0

Triad

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



D0FA6B



00FFFF



FFA51F

Complementary

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



D0FA6B



956BFA

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



D0FA6B



47F3FF

Square

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



D0FA6B



00FFFF



E8DAFF



FFB5AD

Rectangle

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



D0FA6B



00FFCD



E8DAFF



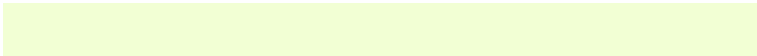
FFB2FF

Sweetspot

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



D0FA6B



F2FFD4



FA946B



788066



000000



808080

Same Dimension

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



D0FA6B



CBFF4F



8AFA6B



797D70



85BD00



2B3D00

Inverse Universe

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



956BFA



834FFF



DB6BFA



74707D



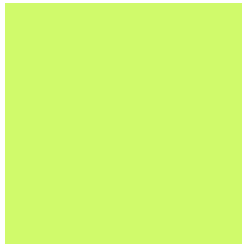
3700BD



12003D

Previews

White Background



This preview shows how the Hex color D0FA6B 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 D0FA6B 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 D0FA6B Background



This preview shows how black text looks on a background with the Hex color D0FA6B.

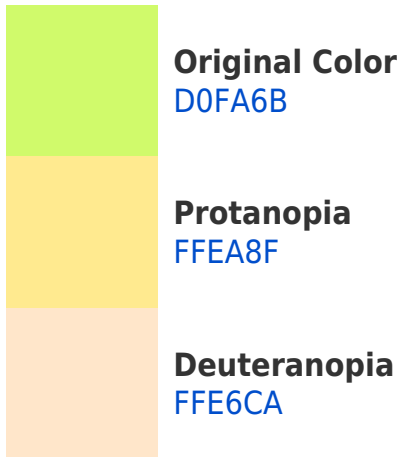


This preview shows how white text looks on a background with the Hex color D0FA6B.

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](#).

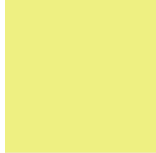
Dichromacy



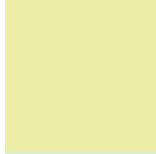
Trichromacy



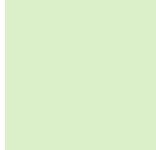
Original Color
D0FA6B



Protanomaly
EEF082

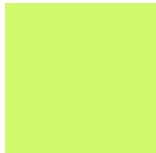


Deuteranomaly
EEEDA7

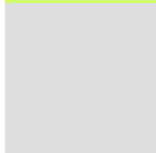


Tritanomaly
DBF0C8

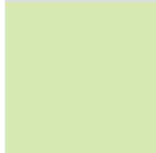
Monochromacy



Original Color
D0FA6B



Achromatopsia
DDDDDD



Achromatomaly
D8E8B4

CSS Examples

Text

The CSS property to change the color of the text to Hex D0FA6B 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 #D0FA6B looks like.

```
.text, #text, p{  
    color:#D0FA6B  
}
```

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 #D0FA6B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #D0FA6B
}
```

Border

The CSS property to change the border of an element to Hex D0FA6B 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
#D0FA6B }
```

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

```
.border{ border-color:#D0FA6B }
```

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

Here you see how a box with a 4 pixel #D0FA6B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #D0FA6B; -webkit-box-shadow:4px 4px  
4px 4px #D0FA6B; box-shadow:4px 4px 4px  
4px #D0FA6B }
```

Background

The CSS property to change the background color of an element to Hex D0FA6B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#D0FA6B }
```

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

```
.background{ background-color:#D0FA6B }
```

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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