

# Converting Colors

Hex(0DF500)

Have a look what the booklet for  
Hex(0DF500) contains.

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**Color**

**Hex(0DF500)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0DF500
RGB	13, 245, 0
RGB Percent	5%, 96%, 0%
CMY	0.9490, 0.0392, 1.0000
CMYK	0.95, 0.00, 1.00, 0.04
HSL	117°, 100%, 48%
HSV	117°, 100%, 96%
XYZ	32.8184, 65.3904, 10.8919
YIQ	147.7020, -59.6270, -125.3790

# Conversions

## Conversions Part 2

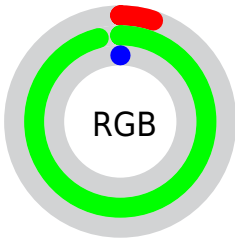
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 245, 232
Decimal	914688
CIELab	84.68, -83.21, 80.75
CIELCh	85, 115.951, 135.859
Yxy	65.3904, 0.3008, 0.5994
Android (android.graphics.Color)	4279104768 (0xFF0DF500)
YUV	147.7020, -72.8171, -118.1337
Hunter-Lab	80.8643, -69.0692, 48.6190

# Details

The Hex color **0DF500** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **E800F5**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **77FF5A**, and **00BB00** is the 20% darker color. If you saturate the color by 10%, you get **0DF500**, and if you desaturate by 10%, it is **24F518**.

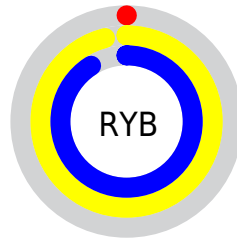
# Distribution



Red (5%)

Green (96%)

Blue (0%)



Red (0%)

Yellow (96%)

Blue (91%)

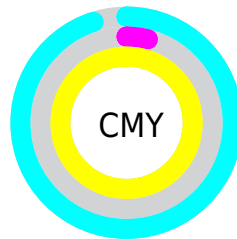


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (4%)



Cyan (95%)

Magenta (4%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 0DF500 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 0DF500 by changing the saturation by 10% instead.



 0DF500

 0DF500

FFFFFF

 00D800

 77FF5A

 00BB00

 9AFF79

 009F00

 BBFF96

 008300

 DCFFB4

 006800

 FCFFD2

 004E00

 FFFFF0

 003400

 001900

 000000

 0DF500

 24F518

 3BF531

 53F54A

 6AF562

 81F57B

 98F593

 AFF5AB

 C7F5C4

 DEF5DD

# Harmonies

## Analogous

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



C9E000



0DF500



00FF9A

# Triad

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



0DF500



00EFFF



FF3D9F

# Complementary

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



0000FF



FFA500

# 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.



FF4BFF



0DF500



00CDFF

# Square

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



0DF500



00FFFF



FF95FF



FF8331

# Rectangle

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



0DF500



00FFE7



FF95FF



FF30C3

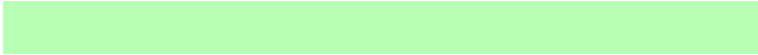


# Sweetspot

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



0DF500



B7FFB3



F5E500



548052



000000



808080



# Same Dimension

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



0DF500



0EFF00



00F56A



6F7A6E



0ABA00



033B00



# Inverse Universe

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



E800F5



F100FF



F5008B



7A6E7A



B000BA

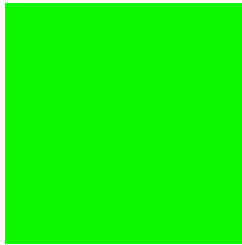


38003B



# Previews

## White Background



This preview shows how the Hex color 0DF500 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 0DF500 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

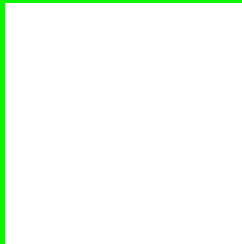
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 0DF500 Background



This preview shows how black text looks on a background with the Hex color 0DF500.

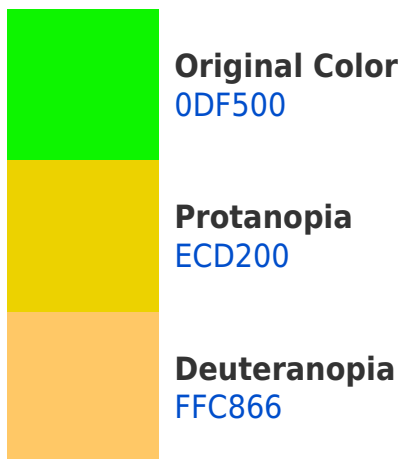


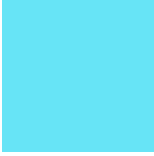
This preview shows how white text looks on a background with the Hex color 0DF500.

# 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](#).

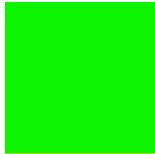
## Dichromacy





**Tritanopia**  
67E4F6

# Trichromacy



**Original Color**  
0DF500



**Protanomaly**  
9BDF00

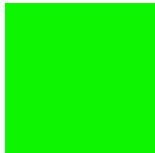


**Deuteranomaly**  
A7D841

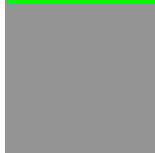


**Tritanomaly**  
46EA9D

# Monochromacy



**Original Color**  
0DF500



**Achromatopsia**  
949494



**Achromatomaly**  
63B75E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 0DF500 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 #0DF500 looks like.

```
.text, #text, p{  
    color:#0DF500  
}
```

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 #0DF500 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #0DF500
}
```

## Border

The CSS property to change the border of an element to Hex 0DF500 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
#0DF500 }
```

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

```
.border{ border-color:#0DF500 }
```

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

Here you see how a box with a 4 pixel #0DF500 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #0DF500; -webkit-box-shadow:4px 4px  
4px 4px #0DF500; box-shadow:4px 4px 4px  
4px #0DF500 }
```

# Background

The CSS property to change the background color of an element to Hex 0DF500 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#0DF500 }
```

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

```
.background{ background-color:#0DF500 }
```

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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