

Converting Colors

Hex(16DF4F)

Have a look what the booklet for
Hex(16DF4F) contains.

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Color

Hex(16DF4F)

Conversions

Conversions Part 1

Format	Color
Hex	16DF4F
RGB	22, 223, 79
RGB Percent	9%, 87%, 31%
CMY	0.9137, 0.1255, 0.6902
CMYK	0.90, 0.00, 0.65, 0.13
HSL	137°, 82%, 48%
HSV	137°, 90%, 87%
XYZ	28.1298, 53.5104, 16.2431
YIQ	146.4850, -73.5720, -87.3960

Conversions

Conversions Part 2

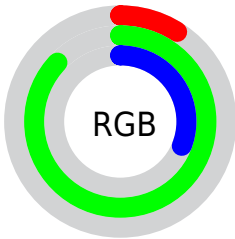
Format	Color
RYB	22, 179, 223
Decimal	1498959
CIELab	78.18, -72.72, 56.30
CIElCh	78, 91.968, 142.254
Yxy	53.5104, 0.2874, 0.5467
Android (android.graphics.Color)	4279689039 (0xFF16DF4F)
YUV	146.4850, -33.2701, -109.1733
Hunter-Lab	73.1508, -59.3725, 38.0403

Details

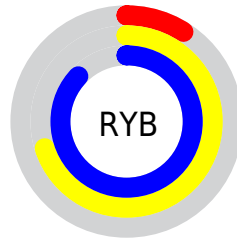
The Hex color **16DF4F** is a dark color, and the websafe version is hex **00CC33**. The color can be described as dark washed green. A complement of this color would be **DF16A6**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **71FF85**, and **00A612** is the 20% darker color. If you saturate the color by 10%, you get **00DF3F**, and if you desaturate by 10%, it is **2CDF5F**.

Distribution



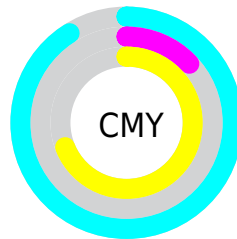
- Red (9%)
- Green (87%)
- Blue (31%)



- Red (9%)
- Yellow (70%)
- Blue (87%)



- Cyan (90%)
- Magenta (0%)
- Yellow (65%)
- Black (13%)



- Cyan (91%)
- Magenta (13%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the Hex color 16DF4F 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 16DF4F by changing the saturation by 10% instead.



16DF4F



16DF4F

FFFFFF



00C233



71FF85



00A612



92FFA1



008A00



B1FFBD



007000



D1FFDA



005500



F0FFF7



003D00



002300



000000



16DF4F



16DF4F

 00DF3F

 2CDF5F

 43DF6F

 59DF7F

 6FDF8F

 86DF9F

 9CDFAF

 B2DFBF

 C8DFCF

 DFDFDF

Harmonies

Analogous

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



ABD000



16DF4F



00E6A8

Triad

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



16DF4F



00D2FF



FF6A86

Complementary

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



16DF4F



DF16A6

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.



FF65DB



16DF4F



8BB4FF

Square

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



16DF4F



00E2FF



FF8AFF



FF9036

Rectangle

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



16DF4F



00E8E3



FF8AFF



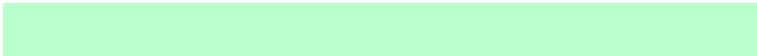
FF62A2

Sweetspot

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



16DF4F



BAFFCE



A6DF16



578062



000000



808080

Same Dimension

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



16DF4F



00FF48



16DFB3



657068



00B032



00300E

Inverse Universe

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



DF16A6



FF00B7



DF1642



70656D



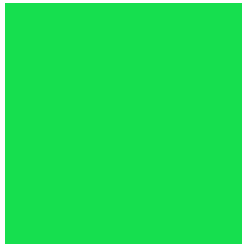
B0007E



300023

Previews

White Background



This preview shows how the Hex color 16DF4F 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 16DF4F 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 16DF4F Background



This preview shows how black text looks on a background with the Hex color 16DF4F.

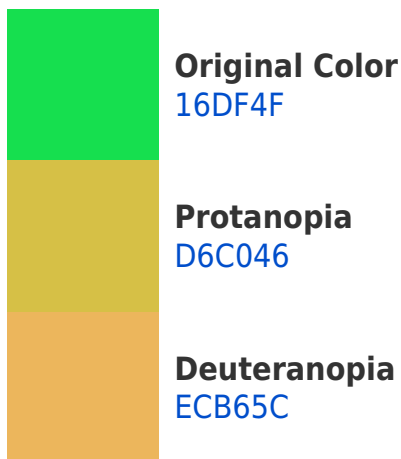


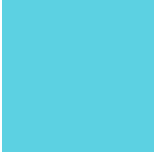
This preview shows how white text looks on a background with the Hex color 16DF4F.

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](#).

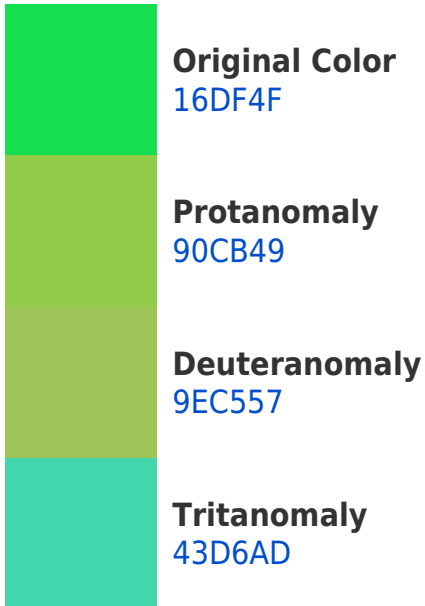
Dichromacy



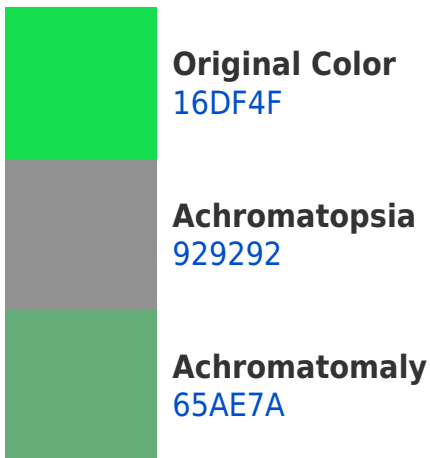


Tritanopia
5CD1E2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 16DF4F 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 #16DF4F looks like.

```
.text, #text, p{  
    color:#16DF4F  
}
```

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 #16DF4F colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #16DF4F
}
```

Border

The CSS property to change the border of an element to Hex 16DF4F 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
#16DF4F }
```

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

```
.border{ border-color:#16DF4F }
```

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

Here you see how a box with a 4 pixel #16DF4F colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #16DF4F; -webkit-box-shadow:4px 4px  
4px 4px #16DF4F; box-shadow:4px 4px 4px  
4px #16DF4F }
```

Background

The CSS property to change the background color of an element to Hex 16DF4F is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#16DF4F }
```

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

```
.background{ background-color:#16DF4F }
```

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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