

# Converting Colors

Hex(76D415)

Have a look what the booklet for  
Hex(76D415) contains.

<b>Hex(76D415)</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(76D415)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	76D415
RGB	118, 212, 21
RGB Percent	46%, 83%, 8%
CMY	0.5373, 0.1686, 0.9176
CMYK	0.44, 0.00, 0.90, 0.17
HSL	90°, 82%, 46%
HSV	90°, 90%, 83%
XYZ	31.1501, 50.9927, 8.9103
YIQ	162.1200, 5.2870, -79.3290

# Conversions

## Conversions Part 2

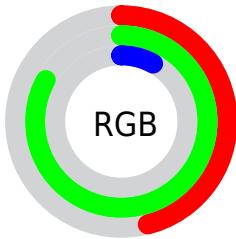
Format	Color
<a href="#">RYB</a>	<a href="#">21, 212, 115</a>
Decimal	<a href="#">7787541</a>
CIELab	<a href="#">76.67, -54.73, 72.95</a>
CIELCh	<a href="#">77, 91.201, 126.878</a>
Yxy	<a href="#">50.9927, 0.3421, 0.5600</a>
Android (android.graphics.Color)	<a href="#">4285977621 (0xFF76D415)</a>
YUV	<a href="#">162.1200, -69.5722, -38.6932</a>
Hunter-Lab	<a href="#">71.4091, -47.1008, 42.5883</a>

# Details

The Hex color **76D415** is a dark color, and the websafe version is hex **66CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **7315D4**, and the grayscale version is **A3A3A3**.

A 20% lighter version of the original color is **B1FF5B**, and **379C00** is the 20% darker color. If you saturate the color by 10%, you get **6CD400**, and if you desaturate by 10%, it is **80D42A**.

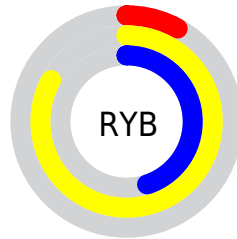
# Distribution



Red (46%)

Green (83%)

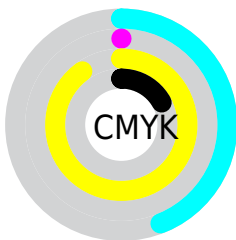
Blue (8%)



Red (8%)

Yellow (83%)

Blue (45%)

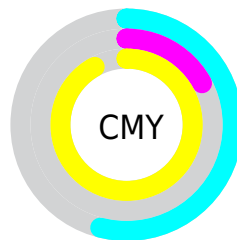


Cyan (44%)

Magenta (0%)

Yellow (90%)

Black (17%)



Cyan (54%)

Magenta (17%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76D415 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 76D415 by changing the saturation by 10% instead.



 76D415

 76D415

FFFFFF

 58B800

 B1FF5B

 379C00

 CFFF78

 048200

 EEFF94

 006800

 FFFFB1

 004F00

 FFFFCE

 003700

 FFFFEC

 001F00

 000000

 76D415

 76D415

 6CD400

 80D42A

 8BD43F

 95D455

 A0D46A

 AAD47F

 B5D494

 BFD4A9

 C9D4BF

 D4D4D4

# Harmonies

## Analogous

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



D1C000



76D415



00DF77

# Triad

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



76D415



00D8FF



FF5DAD

# Complementary

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



76D415



7315D4

# 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.



FF72FF



76D415



00C1FF

# Square

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



76D415



00E1FF



D69DFF



FF785C

# Rectangle

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



76D415



00E2B1



D69DFF



FF5ECA

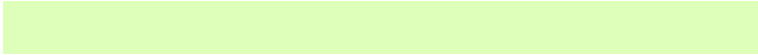


# Sweetspot

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



76D415



DFFBBA



D47115



6B8057



000000



808080



# Same Dimension

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



76D415



82FF00



18D415



666B60



57AB00



162B00



# Inverse Universe

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



7315D4



7D00FF



D115D4



66606B



5400AB

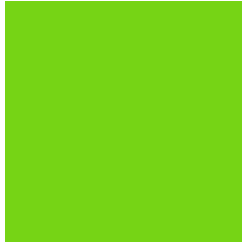


15002B



# Previews

## White Background



This preview shows how the Hex color 76D415 looks on a white background.

## Color Contrast Check

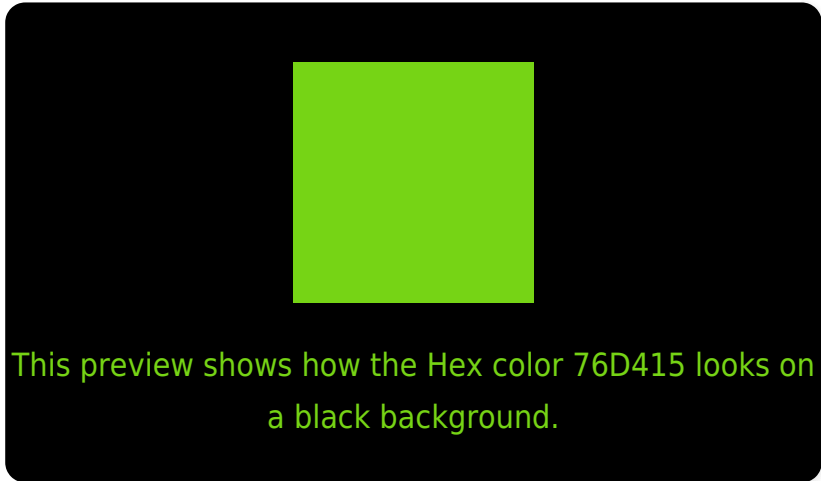
Large Text (above 18pt) WCAG AA × Fail

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 76D415 Background



This preview shows how black text looks on a background with the Hex color 76D415.

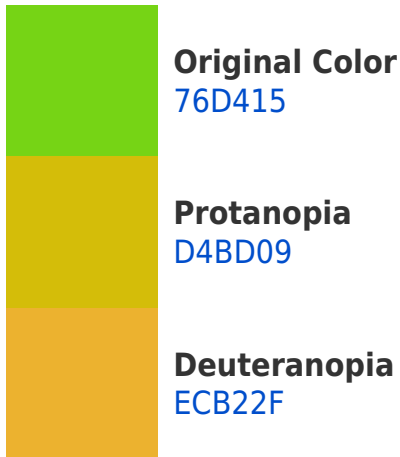


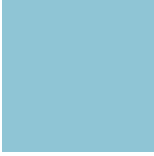
This preview shows how white text looks on a background with the Hex color 76D415.

# 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**  
8FC5D5

# Trichromacy



**Original Color**

76D415



**Protanomaly**

B2C50D



**Deuteranomaly**

C1BE26



**Tritanomaly**

86CA8F

# Monochromacy



**Original Color**

76D415



**Achromatopsia**

A2A2A2



**Achromatomaly**

92B46F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76D415 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 #76D415 looks like.

```
.text, #text, p{  
    color:#76D415  
}
```

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 #76D415 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76D415
}
```

## Border

The CSS property to change the border of an element to Hex 76D415 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
#76D415 }
```

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

```
.border{ border-color:#76D415 }
```

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

Here you see how a box with a 4 pixel #76D415 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76D415; -webkit-box-shadow:4px 4px  
4px 4px #76D415; box-shadow:4px 4px 4px  
4px #76D415 }
```

# Background

The CSS property to change the background color of an element to Hex 76D415 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76D415 }
```

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

```
.background{ background-color:#76D415 }
```

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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