

Converting Colors

Hex(76AF00)

Have a look what the booklet for
Hex(76AF00) contains.

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Color

Hex(76AF00)

Conversions

Conversions Part 1

Format	Color
Hex	76AF00
RGB	118, 175, 0
RGB Percent	46%, 69%, 0%
CMY	0.5373, 0.3137, 1.0000
CMYK	0.33, 0.00, 1.00, 0.31
HSL	80°, 100%, 34%
HSV	80°, 100%, 69%
XYZ	22.8012, 34.5115, 5.4596
YIQ	138.0070, 22.2030, -66.5090

Conversions

Conversions Part 2

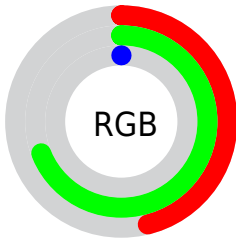
Format	Color
RYB	0, 175, 57
Decimal	7778048
CIELab	65.37, -40.04, 66.54
CIELCh	65, 77.656, 121.039
Yxy	34.5115, 0.3632, 0.5498
Android (android.graphics.Color)	4285968128 (0xFF76AF00)
YUV	138.0070, -68.0375, -17.5461
Hunter-Lab	58.7465, -33.5254, 35.6124

Details

The Hex color **76AF00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3900AF**, and the grayscale version is **8B8B8B**.

A 20% lighter version of the original color is **AFE74C**, and **3D7A00** is the 20% darker color. If you saturate the color by 10%, you get **76AF00**, and if you desaturate by 10%, it is **7CAF11**.

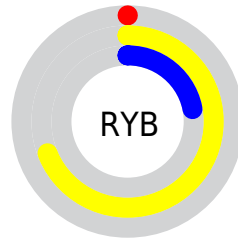
Distribution



Red (46%)

Green (69%)

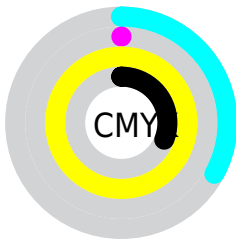
Blue (0%)



Red (0%)

Yellow (69%)

Blue (22%)

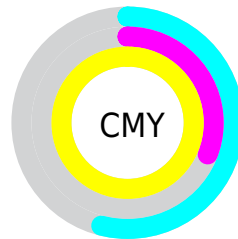


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AF00 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 76AF00 by changing the saturation by 10% instead.

 76AF00

 76AF00

FFFFFF

 5A9400

 AFE74C

 3D7A00

 CCFF68

 1F6100

 EAFF84

 004800

 FFFFA1

 003100

 FFFFBD

 001B00

 FFFFDA

 000000

 FFFFF8

 76AF00

 7CAF11

 81AF23

 87AF35

 8DAF46

 93AF58

 98AF69

 9EAF7A

 A4AF8C

 A9AF9E

Harmonies

Analogous

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



BC9C00



76AF00



00B957

Triad

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



76AF00



00B7FF



FF529F

Complementary

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



76AF00



3900AF

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.



F368E3



76AF00



00A7FF

Square

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



76AF00



00BDE5



9D8BFF



FF605B

Rectangle

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



76AF00



00BD87



9D8BFF



FF56B7

Sweetspot

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



76AF00



CDE39F



AF3700



657349



F2F2F2



737373

Same Dimension

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



76AF00



99E300



20AF00



54574E



659600



0F1700

Inverse Universe

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



3900AF



4A00E3



8F00AF



514E57



310096



070017

Previews

White Background



This preview shows how the Hex color 76AF00 looks on a white background.

Color Contrast Check

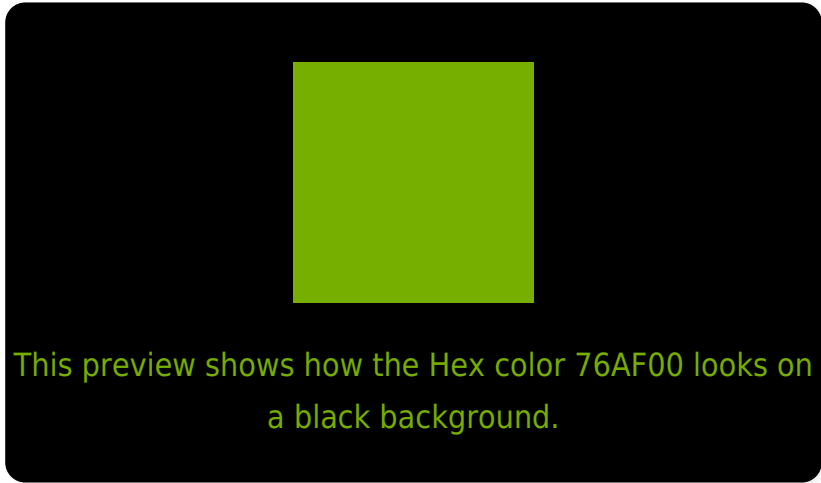
Large Text (above 18pt) WCAG AA × Fail

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 76AF00 Background



This preview shows how black text looks on a background with the Hex color 76AF00.

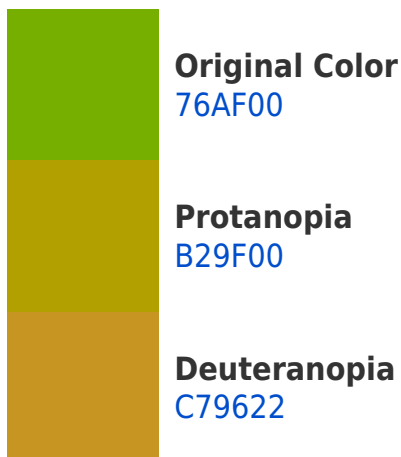


This preview shows how white text looks on a background with the Hex color 76AF00.

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
88A3B0

Trichromacy



Original Color
76AF00

Protanomaly
9CA500

Deuteranomaly
AA9F16

Tritanomaly
81A770

Monochromacy



Original Color
76AF00

Achromatopsia
8A8A8A

Achromatomaly
839758

CSS Examples

Text

The CSS property to change the color of the text to Hex 76AF00 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 #76AF00 looks like.

```
.text, #text, p{  
    color:#76AF00  
}
```

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 #76AF00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AF00
}
```

Border

The CSS property to change the border of an element to Hex 76AF00 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
#76AF00 }
```

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

```
.border{ border-color:#76AF00 }
```

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

Here you see how a box with a 4 pixel #76AF00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AF00; -webkit-box-shadow:4px 4px  
4px 4px #76AF00; box-shadow:4px 4px 4px  
4px #76AF00 }
```

Background

The CSS property to change the background color of an element to Hex 76AF00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AF00 }
```

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

```
.background{ background-color:#76AF00 }
```

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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