

Converting Colors

Hex(76AC00)

Have a look what the booklet for
Hex(76AC00) contains.

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Color

Hex(76AC00)

Conversions

Conversions Part 1

Format	Color
Hex	76AC00
RGB	118, 172, 0
RGB Percent	46%, 67%, 0%
CMY	0.5373, 0.3255, 1.0000
CMYK	0.31, 0.00, 1.00, 0.33
HSL	79°, 100%, 34%
HSV	79°, 100%, 67%
XYZ	22.2237, 33.3566, 5.2672
YIQ	136.2460, 23.0280, -64.9400

Conversions

Conversions Part 2

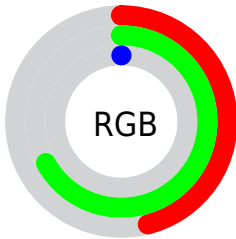
Format	Color
RYB	0, 172, 54
Decimal	7777280
CIELab	64.45, -38.73, 65.83
CIELCh	64, 76.379, 120.469
Yxy	33.3566, 0.3652, 0.5482
Android (android.graphics.Color)	4285967360 (0xFF76AC00)
YUV	136.2460, -67.1693, -16.0017
Hunter-Lab	57.7552, -32.3862, 35.0215

Details

The Hex color **76AC00** is a dark color, and the websafe version is hex **669900**. A complement of this color would be **3600AC**, and the grayscale version is **898989**.

A 20% lighter version of the original color is **AFE44C**, and **3E7700** is the 20% darker color. If you saturate the color by 10%, you get **76AC00**, and if you desaturate by 10%, it is **7BAC11**.

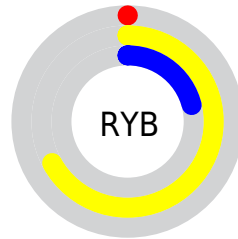
Distribution



Red (46%)

Green (67%)

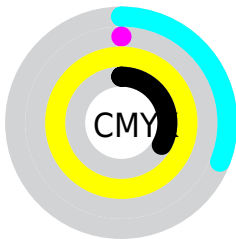
Blue (0%)



Red (0%)

Yellow (67%)

Blue (21%)

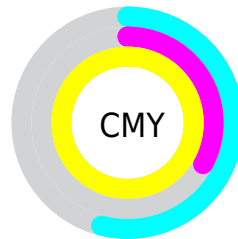


Cyan (31%)

Magenta (0%)

Yellow (100%)

Black (33%)



Cyan (54%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76AC00 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 76AC00 by changing the saturation by 10% instead.

 76AC00

 76AC00

FFFFFF

 5A9100


 AFE44C

 3E7700


 CCFF68

 205E00

 E9FF84

 004600

 FFFFA0

 002F00


 FFFFBC

 001800

 FFFFD9

 000000

 FFFFF6

 76AC00

 7BAC11

 81AC22

 86AC34

 8CAC45

 91AC56

 96AC67

 9CAC78

 A1AC8A

 A7AC9B

Harmonies

Analogous

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



BA9A00



76AC00



00B655

Triad

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



76AC00



00B4FF



FF519E

Complementary

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



76AC00



3600AC

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.



EE67E1



76AC00



00A4FF

Square

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



76AC00



00BAE0



9989FF



FF5F5B

Rectangle

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



76AC00



00BA83



9989FF



FF55B5

Sweetspot

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



76AC00



CBE09D



AC3400



647048



F0F0F0



707070

Same Dimension

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



76AC00



9AE000



22AC00



54574E



679600



101700

Inverse Universe

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



3600AC



4600E0



8A00AC



514E57



2F0096



070017

Previews

White Background



This preview shows how the Hex color 76AC00 looks on a white background.

Color Contrast Check

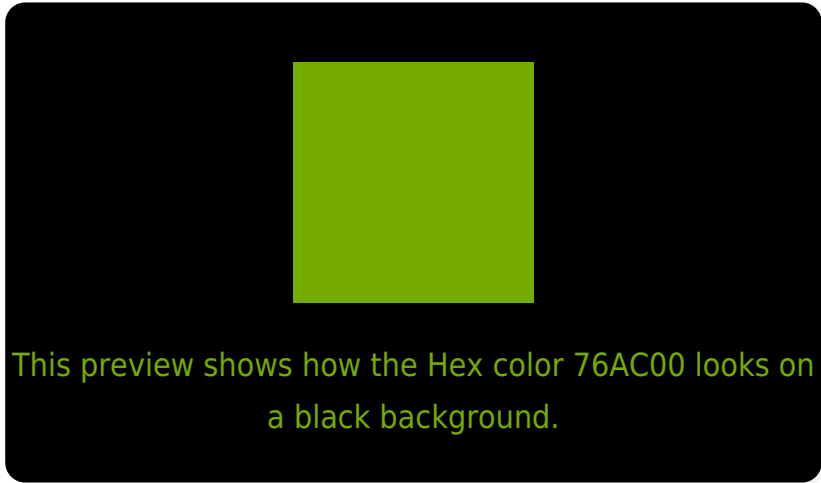
Large Text (above 18pt) WCAG AA × Fail

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 76AC00 Background



This preview shows how black text looks on a background with the Hex color 76AC00.

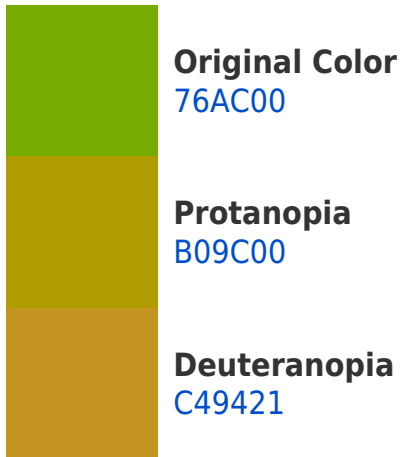


This preview shows how white text looks on a background with the Hex color 76AC00.

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
87A0AD

Trichromacy



Original Color
76AC00

Protanomaly
9BA200

Deuteranomaly
A89D15

Tritanomaly
81A46E

Monochromacy



Original Color
76AC00

Achromatopsia
888888

Achromatomaly
819557

CSS Examples

Text

The CSS property to change the color of the text to Hex 76AC00 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 #76AC00 looks like.

```
.text, #text, p{  
    color:#76AC00  
}
```

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 #76AC00 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76AC00
}
```

Border

The CSS property to change the border of an element to Hex 76AC00 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
#76AC00 }
```

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

```
.border{ border-color:#76AC00 }
```

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

Here you see how a box with a 4 pixel #76AC00 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76AC00; -webkit-box-shadow:4px 4px  
4px 4px #76AC00; box-shadow:4px 4px 4px  
4px #76AC00 }
```

Background

The CSS property to change the background color of an element to Hex 76AC00 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76AC00 }
```

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

```
.background{ background-color:#76AC00 }
```

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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