

# Converting Colors

Hex(76BC04)

Have a look what the booklet for  
Hex(76BC04) contains.

<b>Hex(76BC04)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

**Color**

**Hex(76BC04)**

# Conversions

## Conversions Part 1

Format	Color
Hex	76BC04
RGB	118, 188, 4
RGB Percent	46%, 74%, 2%
CMY	0.5373, 0.2627, 0.9843
CMYK	0.37, 0.00, 0.98, 0.26
HSL	83°, 96%, 38%
HSV	83°, 98%, 74%
XYZ	25.4763, 39.8268, 6.4595
YIQ	146.0940, 17.3440, -72.0640

# Conversions

## Conversions Part 2

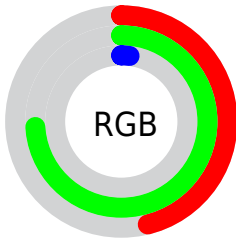
Format	Color
<a href="#">RYB</a>	<a href="#">4, 188, 74</a>
Decimal	<a href="#">7781380</a>
CIELab	<a href="#">69.35, -45.49, 69.15</a>
CIELCh	<a href="#">69, 82.767, 123.340</a>
Yxy	<a href="#">39.8268, 0.3550, 0.5550</a>
Android (android.graphics.Color)	<a href="#">4285971460</a> ( <a href="#">0xFF76BC04</a> )
YUV	<a href="#">146.0940, -70.0523, -24.6384</a>
Hunter-Lab	<a href="#">63.1084, -38.3808, 38.1073</a>

# Details

The Hex color **76BC04** is a dark color, and the websafe version is hex **99CC33**. A complement of this color would be **4A04BC**, and the grayscale version is **939393**.

A 20% lighter version of the original color is **B0F550**, and **3B8600** is the 20% darker color. If you saturate the color by 10%, you get **74BC00**, and if you desaturate by 10%, it is **7DBC17**.

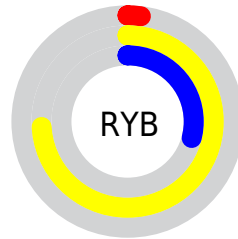
# Distribution



Red (46%)

Green (74%)

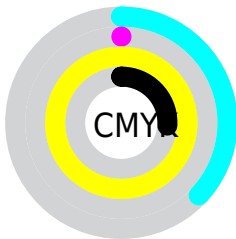
Blue (2%)



Red (2%)

Yellow (74%)

Blue (29%)

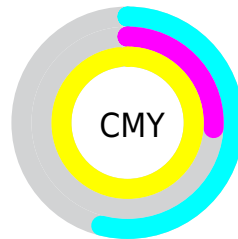


Cyan (37%)

Magenta (0%)

Yellow (98%)

Black (26%)



Cyan (54%)

Magenta (26%)

Yellow (98%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 76BC04 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 76BC04 by changing the saturation by 10% instead.





76BC04



76BC04

FFFFFF



59A100



B0F550



3B8600



CDFF6D



1A6C00



EBFF89



005300



FFFFA6



003B00



FFFFC2



002600



FFFFDF



000000



FFFFFD



76BC04



76BC04

 74BC00

 7DBC17

 84BC2A

 8BBC3C

 93BC4F

 9ABC62

 A1BC75

 A8BC88

 AFBC9A

 B6BCAD

# Harmonies

## Analogous

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



C3A900



76BC04



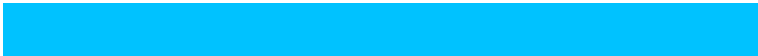
00C662

# Triad

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



76BC04



00C2FF



FF55A4

# Complementary

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



76BC04



4A04BC

# 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.



FF6BEE



76BC04



00B0FF

# Square

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



76BC04



00CAFA



B191FF



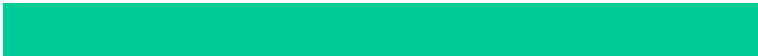
FF685B

# Rectangle

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



76BC04



00CA96



B191FF



FF58BD



# Sweetspot

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



76BC04



DAF5AE



BC4704



6A7A50



FAFAFA



7A7A7A



# Same Dimension

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



76BC04



98F500



1DBC04



5B5E55



629E00



131F00



# Inverse Universe

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



4A04BC



5D00F5



A304BC



59555E



3C009E



0C001F



# Previews

## White Background



This preview shows how the Hex color 76BC04 looks on a white background.

## Color Contrast Check

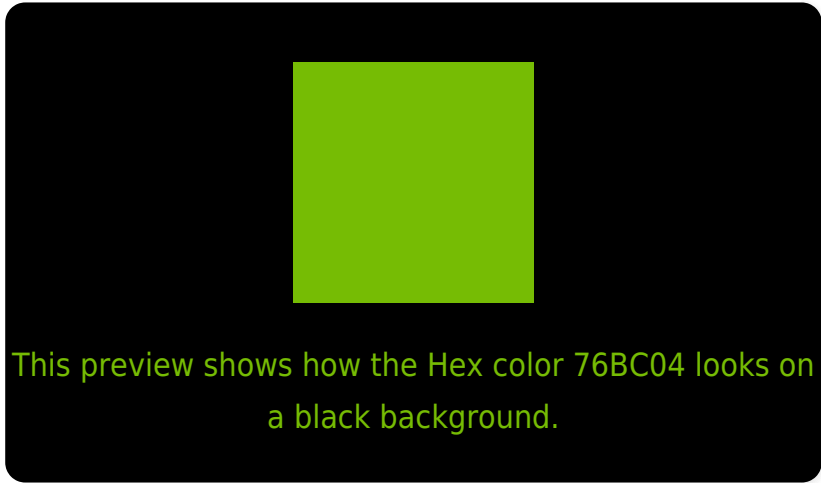
Large Text (above 18pt) WCAG AA × Fail

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 76BC04 Background



This preview shows how black text looks on a background with the Hex color 76BC04.

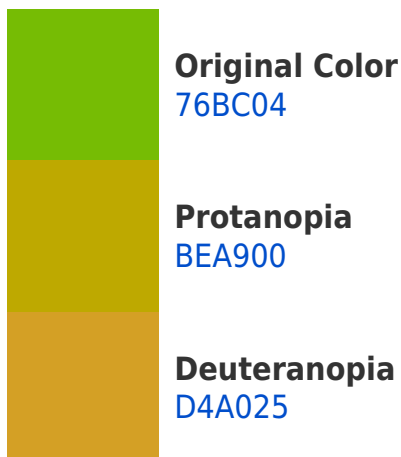


This preview shows how white text looks on a background with the Hex color 76BC04.

# 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**  
8AAFBD

# Trichromacy



**Original Color**  
76BC04

**Protanomaly**  
A4B001

**Deuteranomaly**  
B2AA19

**Tritanomaly**  
83B47A

# Monochromacy



**Original Color**  
76BC04

**Achromatopsia**  
929292

**Achromatomaly**  
88A15E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 76BC04 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 #76BC04 looks like.

```
.text, #text, p{  
    color:#76BC04  
}
```

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 #76BC04 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BC04
}
```

## Border

The CSS property to change the border of an element to Hex 76BC04 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
#76BC04 }
```

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

```
.border{ border-color:#76BC04 }
```

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

Here you see how a box with a 4 pixel #76BC04 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BC04; -webkit-box-shadow:4px 4px  
4px 4px #76BC04; box-shadow:4px 4px 4px  
4px #76BC04 }
```

# Background

The CSS property to change the background color of an element to Hex 76BC04 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BC04 }
```

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

```
.background{ background-color:#76BC04 }
```

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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