

Converting Colors

Hex(76BC64)

Have a look what the booklet for
Hex(76BC64) contains.

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Color

Hex(76BC64)

Conversions

Conversions Part 1

Format	Color
Hex	76BC64
RGB	118, 188, 100
RGB Percent	46%, 74%, 39%
CMY	0.5373, 0.2627, 0.6078
CMYK	0.37, 0.00, 0.47, 0.26
HSL	108°, 40%, 56%
HSV	108°, 47%, 74%
XYZ	27.7547, 40.7381, 18.4570
YIQ	157.0380, -13.4720, -42.2080

Conversions

Conversions Part 2

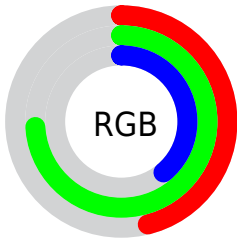
Format	Color
RYB	100, 188, 170
Decimal	7781476
CIELab	69.99, -38.94, 37.58
CIELCh	70, 54.111, 136.020
Yxy	40.7381, 0.3192, 0.4685
Android (android.graphics.Color)	4285971556 (0xFF76BC64)
YUV	157.0380, -28.1197, -34.2363
Hunter-Lab	63.8264, -34.0761, 27.5333

Details

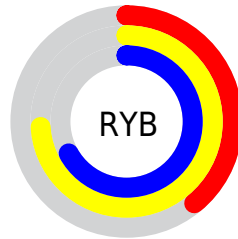
The Hex color **76BC64** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **AA64BC**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **ADF598**, and **408632** is the 20% darker color. If you saturate the color by 10%, you get **67BC51**, and if you desaturate by 10%, it is **85BC77**.

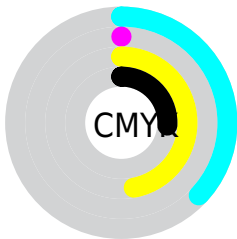
Distribution



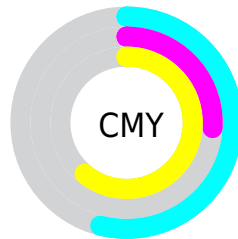
- Red (46%)
- Green (74%)
- Blue (39%)



- Red (39%)
- Yellow (74%)
- Blue (67%)



- Cyan (37%)
- Magenta (0%)
- Yellow (47%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BC64 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 76BC64 by changing the saturation by 10% instead.

 76BC64

 76BC64

FFFFFF

 5BA14B

 ADF598

 408632

 C9FFB4

 246C1A

 E6FFCF

 005300

 FFFFEC

 003C00

 002700

 000000

 76BC64

 76BC64

 67BC51

 85BC77

 58BC3E

 94BC8A

 49BC2C

 A3BC9C

 3ABC19

 B2BCAF

 2BBC06

 C1BCC2

 26BC00

 D0BCD5

 DFBC E8

 EEBCFA

 FDBCFF

Harmonies

Analogous

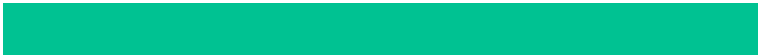
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AEB148



76BC64



00C292

Triad

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



76BC64



00B7FF



FF8193

Complementary

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



76BC64



AA64BC

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.



FA84C4



76BC64



87A7FF

Square

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



76BC64



00C0F1



D094F0



FB8E66

Rectangle

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



76BC64



00C4B4



D094F0



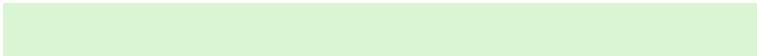
FF80A3

Sweetspot

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



76BC64



DAF5D3



BCA964



6A7A66



FAFAFA



7A7A7A

Same Dimension

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



76BC64



88F56C



64BC7D



575E55



209E00



061F00

Inverse Universe

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



AA64BC



D96CF5



BC64A3



5C555E



7E009E



18001F

Previews

White Background



This preview shows how the Hex color 76BC64 looks on a white background.

Color Contrast Check

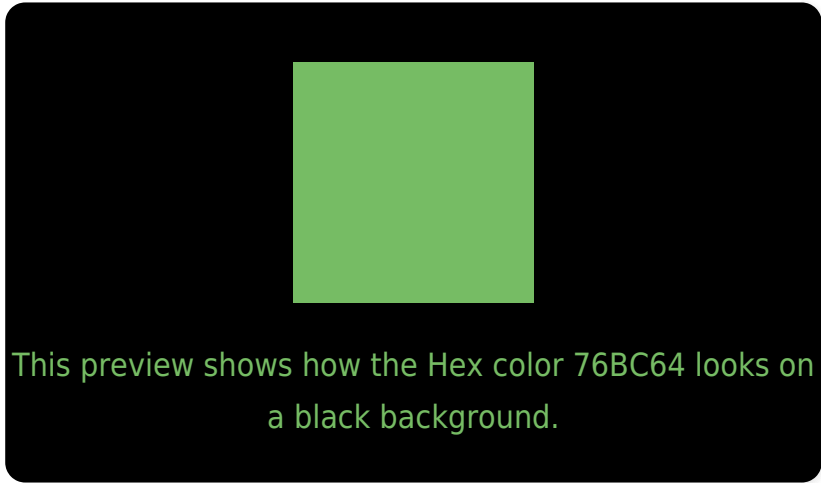
Large Text (above 18pt) WCAG AA × Fail

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 76BC64 Background



This preview shows how black text looks on a background with the Hex color 76BC64.

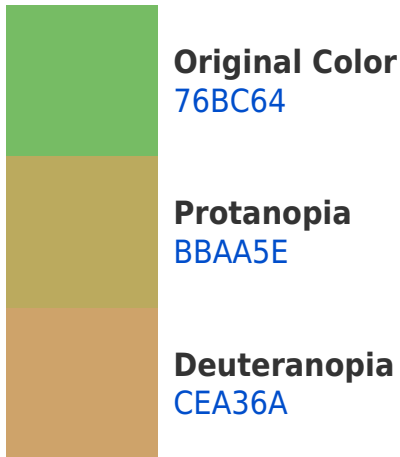


This preview shows how white text looks on a background with the Hex color 76BC64.

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](#).

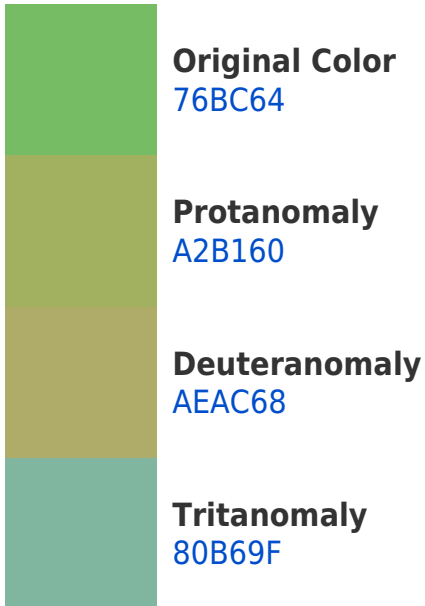
Dichromacy





Tritanopia
86B2C0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76BC64 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 #76BC64 looks like.

```
.text, #text, p{  
    color:#76BC64  
}
```

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 #76BC64 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BC64
}
```

Border

The CSS property to change the border of an element to Hex 76BC64 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
#76BC64 }
```

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

```
.border{ border-color:#76BC64 }
```

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

Here you see how a box with a 4 pixel #76BC64 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BC64; -webkit-box-shadow:4px 4px  
4px 4px #76BC64; box-shadow:4px 4px 4px  
4px #76BC64 }
```

Background

The CSS property to change the background color of an element to Hex 76BC64 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BC64 }
```

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

```
.background{ background-color:#76BC64 }
```

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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