

Converting Colors

Hex(76BD6A)

Have a look what the booklet for
Hex(76BD6A) contains.

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Color

Hex(76BD6A)

Conversions

Conversions Part 1

Format	Color
Hex	76BD6A
RGB	118, 189, 106
RGB Percent	46%, 74%, 42%
CMY	0.5373, 0.2588, 0.5843
CMYK	0.38, 0.00, 0.44, 0.26
HSL	111°, 39%, 58%
HSV	111°, 44%, 74%
XYZ	28.2703, 41.2874, 20.1149
YIQ	158.3090, -15.6730, -40.8650

Conversions

Conversions Part 2

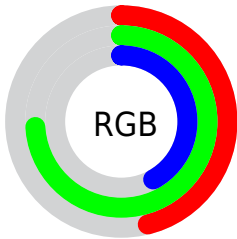
Format	Color
RYB	106, 189, 177
Decimal	7781738
CIELab	70.38, -38.55, 35.02
CIELCh	70, 52.084, 137.751
Yxy	41.2874, 0.3153, 0.4604
Android (android.graphics.Color)	4285971818 (0xFF76BD6A)
YUV	158.3090, -25.7883, -35.3510
Hunter-Lab	64.2552, -33.9121, 26.4181

Details

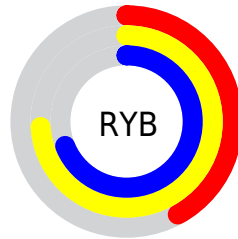
The Hex color **76BD6A** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **B16ABD**, and the grayscale version is **9F9F9F**.

A 20% lighter version of the original color is **ADF69E**, and **408739** is the 20% darker color. If you saturate the color by 10%, you get **66BD57**, and if you desaturate by 10%, it is **86BD7D**.

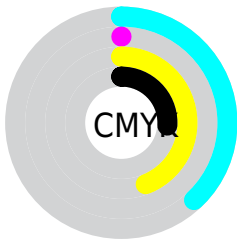
Distribution



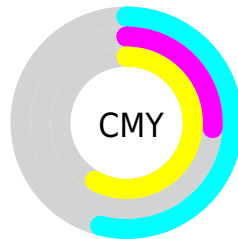
- Red (46%)
- Green (74%)
- Blue (42%)



- Red (42%)
- Yellow (74%)
- Blue (69%)



- Cyan (38%)
- Magenta (0%)
- Yellow (44%)
- Black (26%)



- Cyan (54%)
- Magenta (26%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76BD6A 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 76BD6A by changing the saturation by 10% instead.

 76BD6A

 76BD6A

FFFFFF

 5BA251

 ADF69E

 408739

 C9FFBA

 246D20

 E6FFD6

 005406

 FFFFF2

 003C00

 002700

 000300

 000000

 76BD6A

 76BD6A

 66BD57

 86BD7D

 56BD44

 96BD90

 45BD31

 A7BDA3

 35BD1E

 B7BDB6

 25BD0C

 C7BDC9

 1BBD00

 D7BDDB

 E7BDEE

 F7BDFE

 FFBDFE

Harmonies

Analogous

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



ACB24E



76BD6A



11C396

Triad

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



76BD6A



00B7FF



FF8592

Complementary

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



76BD6A



B16ABD

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.



FA86C2



76BD6A



8FA7FF

Square

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



76BD6A



00C0F1



D395EC



F89168

Rectangle

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



76BD6A



00C4B7



D395EC



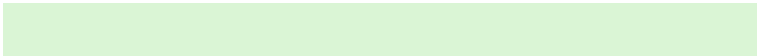
FF84A2

Sweetspot

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



76BD6A



DAF5D5



BDB16A



6A7A67



FAFAFA



7A7A7A

Same Dimension

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



76BD6A



86F573



6ABD87



565E55



179E00



041F00

Inverse Universe

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



B16ABD



E273F5



BD6AA0



5D555E



87009E



1A001F

Previews

White Background



This preview shows how the Hex color 76BD6A looks on a white background.

Color Contrast Check

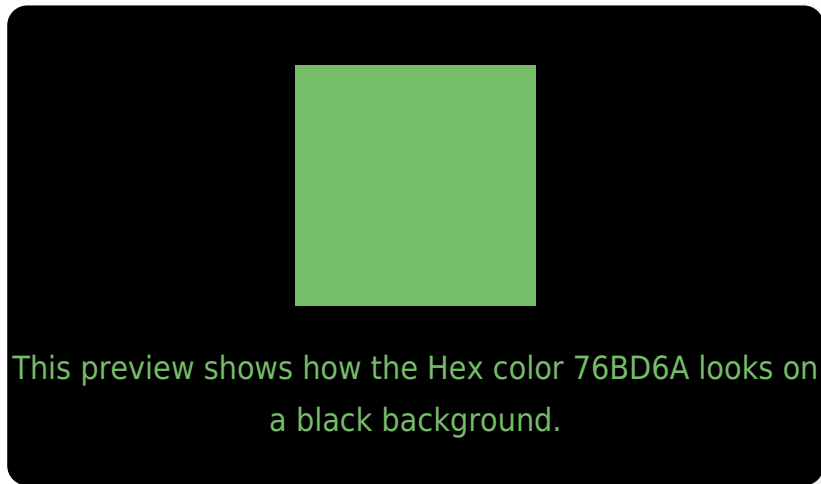
Large Text (above 18pt) WCAG AA × Fail

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 76BD6A Background



This preview shows how black text looks on a background with the Hex color 76BD6A.

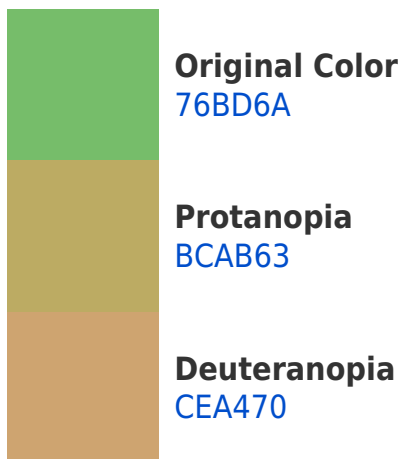


This preview shows how white text looks on a background with the Hex color 76BD6A.

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
86B3C1

Trichromacy



Original Color
76BD6A



Protanomaly
A3B266



Deuteranomaly
AEAD6E



Tritanomaly
80B7A1

Monochromacy



Original Color
76BD6A



Achromatopsia
9E9E9E



Achromatomaly
8FA98B

CSS Examples

Text

The CSS property to change the color of the text to Hex 76BD6A 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 #76BD6A looks like.

```
.text, #text, p{  
    color:#76BD6A  
}
```

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 #76BD6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76BD6A
}
```

Border

The CSS property to change the border of an element to Hex 76BD6A 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
#76BD6A }
```

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

```
.border{ border-color:#76BD6A }
```

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

Here you see how a box with a 4 pixel #76BD6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76BD6A; -webkit-box-shadow:4px 4px  
4px 4px #76BD6A; box-shadow:4px 4px 4px  
4px #76BD6A }
```

Background

The CSS property to change the background color of an element to Hex 76BD6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76BD6A }
```

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

```
.background{ background-color:#76BD6A }
```

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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