

Converting Colors

Hex(76C06A)

Have a look what the booklet for
Hex(76C06A) contains.

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Color

Hex(76C06A)

Conversions

Conversions Part 1

Format	Color
Hex	76C06A
RGB	118, 192, 106
RGB Percent	46%, 75%, 42%
CMY	0.5373, 0.2471, 0.5843
CMYK	0.39, 0.00, 0.45, 0.25
HSL	112°, 41%, 58%
HSV	112°, 45%, 75%
XYZ	28.9224, 42.5914, 20.3323
YIQ	160.0700, -16.4980, -42.4340

Conversions

Conversions Part 2

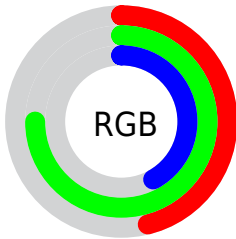
Format	Color
RYB	106, 192, 180
Decimal	7782506
CIELab	71.28, -39.89, 36.16
CIElCh	71, 53.839, 137.804
Yxy	42.5914, 0.3149, 0.4637
Android (android.graphics.Color)	4285972586 (0xFF76C06A)
YUV	160.0700, -26.6565, -36.8954
Hunter-Lab	65.2621, -35.1024, 27.2118

Details

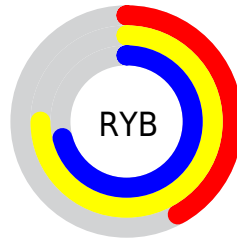
The Hex color **76C06A** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B46AC0**, and the grayscale version is **A0A0A0**.

A 20% lighter version of the original color is **ADF99F**, and **408A38** is the 20% darker color. If you saturate the color by 10%, you get **65C057**, and if you desaturate by 10%, it is **87C07D**.

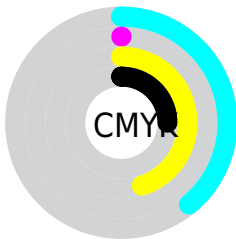
Distribution



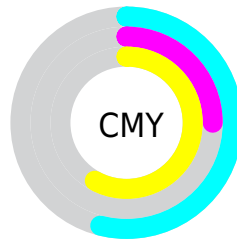
- Red (46%)
- Green (75%)
- Blue (42%)



- Red (42%)
- Yellow (75%)
- Blue (71%)



- Cyan (39%)
- Magenta (0%)
- Yellow (45%)
- Black (25%)



- Cyan (54%)
- Magenta (25%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C06A 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 76C06A by changing the saturation by 10% instead.



76C06A



76C06A

FFFFFF



5BA551



ADF99F



408A38



CAFFBA



237020



E7FFD6



005705



FFFFF3



003F00



002900



000900



000000



76C06A



76C06A

 65C057

 87C07D

 55C044

 97C090

 44C030

 A8C0A4

 34C01D

 B8C0B7

 23C00A

 C9C0CA

 1BC000

 D9C0DD

 EAC0F0

 FAC0FF

 FFC0FF

Harmonies

Analogous

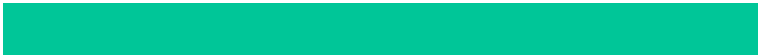
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



AFB54D



76C06A



00C698

Triad

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



76C06A



00BAFF



FF8693

Complementary

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



76C06A



B46AC0

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.



FF87C5



76C06A



90A9FF

Square

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



76C06A



00C3F6



D796F1



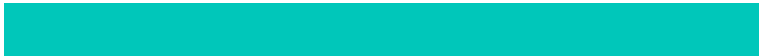
FD9368

Rectangle

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



76C06A



00C7BA



D796F1



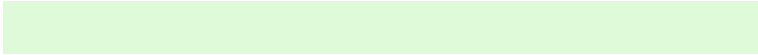
FF84A4

Sweetspot

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



76C06A



DEFAD9



C0B36A



6C7D69



FCFCFC



7D7D7D

Same Dimension

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



76C06A



86FA73



6AC088



596157



16A100



052100

Inverse Universe

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



B46AC0



E773FA



C06AA2



605761



8A00A1



1D0021

Previews

White Background



This preview shows how the Hex color 76C06A looks on a white background.

Color Contrast Check

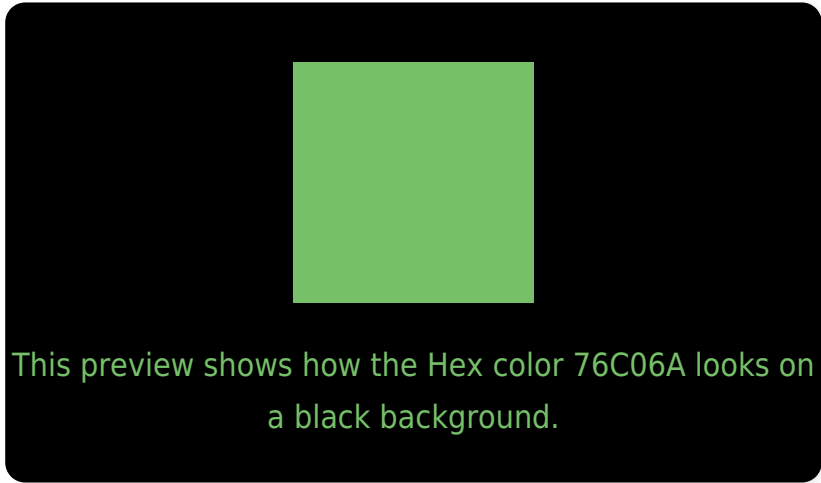
Large Text (above 18pt) WCAG AA × Fail

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 76C06A Background



This preview shows how black text looks on a background with the Hex color 76C06A.

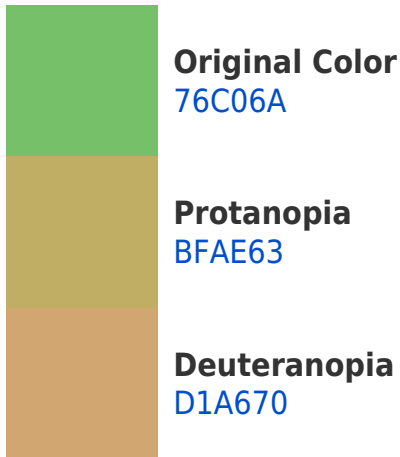


This preview shows how white text looks on a background with the Hex color 76C06A.

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](#).

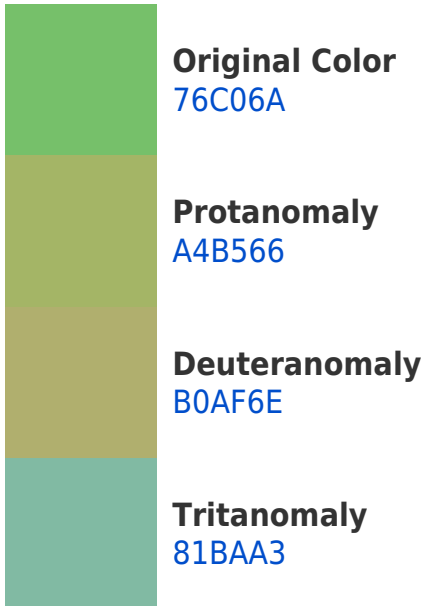
Dichromacy



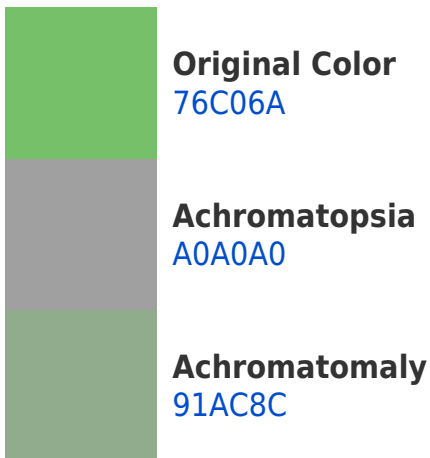


Tritanopia
87B6C4

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76C06A 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 #76C06A looks like.

```
.text, #text, p{  
    color:#76C06A  
}
```

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 #76C06A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C06A
}
```

Border

The CSS property to change the border of an element to Hex 76C06A 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
#76C06A }
```

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

```
.border{ border-color:#76C06A }
```

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

Here you see how a box with a 4 pixel #76C06A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C06A; -webkit-box-shadow:4px 4px  
4px 4px #76C06A; box-shadow:4px 4px 4px  
4px #76C06A }
```

Background

The CSS property to change the background color of an element to Hex 76C06A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C06A }
```

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

```
.background{ background-color:#76C06A }
```

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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