

Converting Colors

Hex(76C26B)

Have a look what the booklet for
Hex(76C26B) contains.

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Color

Hex(76C26B)

Conversions

Conversions Part 1

Format	Color
Hex	76C26B
RGB	118, 194, 107
RGB Percent	46%, 76%, 42%
CMY	0.5373, 0.2392, 0.5804
CMYK	0.39, 0.00, 0.45, 0.24
HSL	112°, 42%, 59%
HSV	112°, 45%, 76%
XYZ	29.4168, 43.4967, 20.7552
YIQ	161.3580, -17.3690, -43.1690

Conversions

Conversions Part 2

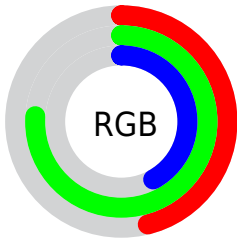
Format	Color
RYB	107, 194, 183
Decimal	7783019
CIELab	71.89, -40.63, 36.43
CIELCh	72, 54.571, 138.115
Yxy	43.4967, 0.3141, 0.4644
Android (android.graphics.Color)	4285973099 (0xFF76C26B)
YUV	161.3580, -26.7985, -38.0250
Hunter-Lab	65.9520, -35.7989, 27.5078

Details

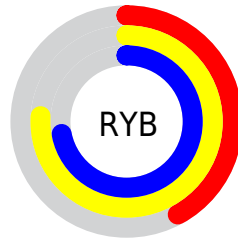
The Hex color **76C26B** is a dark color, and the websafe version is hex **66CC66**. A complement of this color would be **B76BC2**, and the grayscale version is **A2A2A2**.

A 20% lighter version of the original color is **ADFBA0**, and **408C39** is the 20% darker color. If you saturate the color by 10%, you get **65C258**, and if you desaturate by 10%, it is **87C27E**.

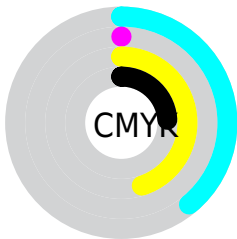
Distribution



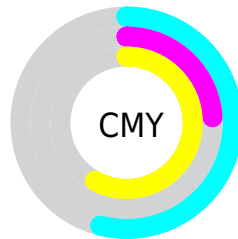
- Red (46%)
- Green (76%)
- Blue (42%)



- Red (42%)
- Yellow (76%)
- Blue (72%)



- Cyan (39%)
- Magenta (0%)
- Yellow (45%)
- Black (24%)



- Cyan (54%)
- Magenta (24%)
- Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76C26B 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 76C26B by changing the saturation by 10% instead.



76C26B



76C26B

FFFFFF



5BA652



ADFBA0



408C39



CAFFBB



227221



E7FFD7



005906



FFFFF4



004000



002A00



000D00



000000



76C26B



76C26B

 65C258

 87C27E

 54C244

 98C292

 43C231

 A9C2A5

 32C21D

 BAC2B9

 21C20A

 CBC2CC

 19C200

 DCC2DF

 EDC2F3

 FEC2FF

 FFC2FF

Harmonies

Analogous

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



B0B74D



76C26B



00C89A

Triad

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



76C26B



00BBFF



FF8794

Complementary

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



76C26B



B76BC2

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.



FF88C6



76C26B



92ABFF

Square

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



76C26B



00C5F9



DA97F3



FF9468

Rectangle

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



76C26B



00C9BD



DA97F3



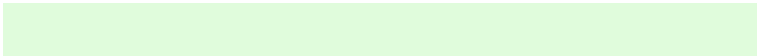
FF85A4

Sweetspot

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



76C26B



E0FCDC



C2B66B



6E806B



000000



808080

Same Dimension

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



76C26B



85FC74



6BC28B



586157



14A100



042100

Inverse Universe

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



B76BC2



EB74FC



C26BA2



605761



8C00A1



1D0021

Previews

White Background



This preview shows how the Hex color 76C26B looks on a white background.

Color Contrast Check

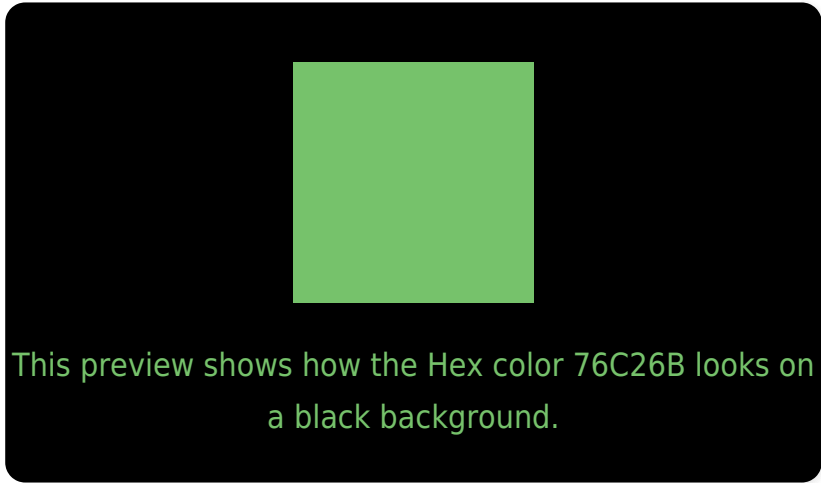
Large Text (above 18pt) WCAG AA × Fail

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 76C26B Background



This preview shows how black text looks on a background with the Hex color 76C26B.

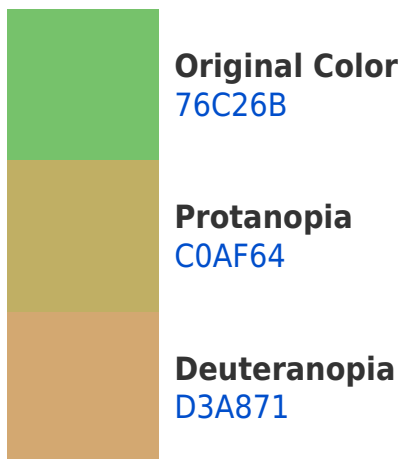


This preview shows how white text looks on a background with the Hex color 76C26B.

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
87B8C6

Trichromacy



Original Color
76C26B



Protanomaly
A5B667



Deuteranomaly
B1B16F



Tritanomaly
81BCA5

Monochromacy



Original Color
76C26B



Achromatopsia
A1A1A1



Achromatomaly
91AD8D

CSS Examples

Text

The CSS property to change the color of the text to Hex 76C26B 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 #76C26B looks like.

```
.text, #text, p{  
    color:#76C26B  
}
```

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 #76C26B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76C26B
}
```

Border

The CSS property to change the border of an element to Hex 76C26B 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
#76C26B }
```

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

```
.border{ border-color:#76C26B }
```

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

Here you see how a box with a 4 pixel #76C26B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76C26B; -webkit-box-shadow:4px 4px  
4px 4px #76C26B; box-shadow:4px 4px 4px  
4px #76C26B }
```

Background

The CSS property to change the background color of an element to Hex 76C26B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76C26B }
```

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

```
.background{ background-color:#76C26B }
```

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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