

Converting Colors

Hex(76B669)

Have a look what the booklet for
Hex(76B669) contains.

Hex(76B669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(76B669)

Conversions

Conversions Part 1

Format	Color
Hex	76B669
RGB	118, 182, 105
RGB Percent	46%, 71%, 41%
CMY	0.5373, 0.2863, 0.5882
CMYK	0.35, 0.00, 0.42, 0.29
HSL	110°, 35%, 56%
HSV	110°, 42%, 71%
XYZ	26.7490, 38.3274, 19.3527
YIQ	154.0860, -13.4270, -37.5150

Conversions

Conversions Part 2

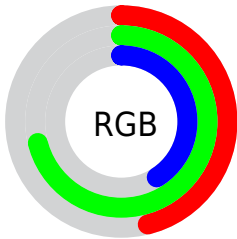
Format	Color
RYB	105, 182, 169
Decimal	7779945
CIELab	68.26, -35.53, 32.83
CIElCh	68, 48.377, 137.265
Yxy	38.3274, 0.3168, 0.4540
Android (android.graphics.Color)	4285970025 (0xFF76B669)
YUV	154.0860, -24.1994, -31.6474
Hunter-Lab	61.9091, -31.2167, 24.8024

Details

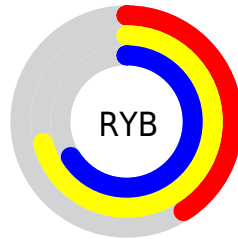
The Hex color **76B669** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A969B6**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **ADEE9D**, and **418138** is the 20% darker color. If you saturate the color by 10%, you get **67B657**, and if you desaturate by 10%, it is **85B67B**.

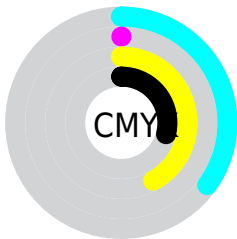
Distribution



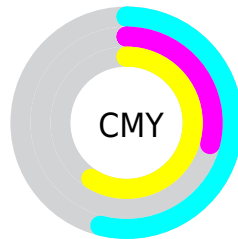
- Red (46%)
- Green (71%)
- Blue (41%)



- Red (41%)
- Yellow (71%)
- Blue (66%)



- Cyan (35%)
- Magenta (0%)
- Yellow (42%)
- Black (29%)



- Cyan (54%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B669 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 76B669 by changing the saturation by 10% instead.

 76B669

 76B669

FFFFFF

 5C9B50

 ADEE9D

 418138

 C9FFB8

 266720

 E5FFD4

 044E07

 FFFFF1

 003700

 002300

 000000

 76B669

 76B669

 67B657

 85B67B

 58B645

 94B68D

 49B632

 A3B6A0

 39B620

 B3B6B2

 2AB60E

 C2B6C4

 1FB600

 D1B6D6

 E0B6E8

 EFB6FB

 FEB6FF

Harmonies

Analogous

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



A8AC50



76B669



2ABC92

Triad

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



76B669



13B0FB



F9838F

Complementary

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



76B669



A969B6

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.



EE84BB



76B669



8CA2FA

Square

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



76B669



00B9E6



CA91E2



EE8E68

Rectangle

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



76B669



00BDB0



CA91E2



F8829D

Sweetspot

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



76B669



D4EDCE



B6A869



687865



F7F7F7



787878

Same Dimension

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



76B669



89ED74



69B681



545C53



1A9C00



051C00

Inverse Universe

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



A969B6



D974ED



B6699E



5A535C



81009C



17001C

Previews

White Background



This preview shows how the Hex color 76B669 looks on a white background.

Color Contrast Check

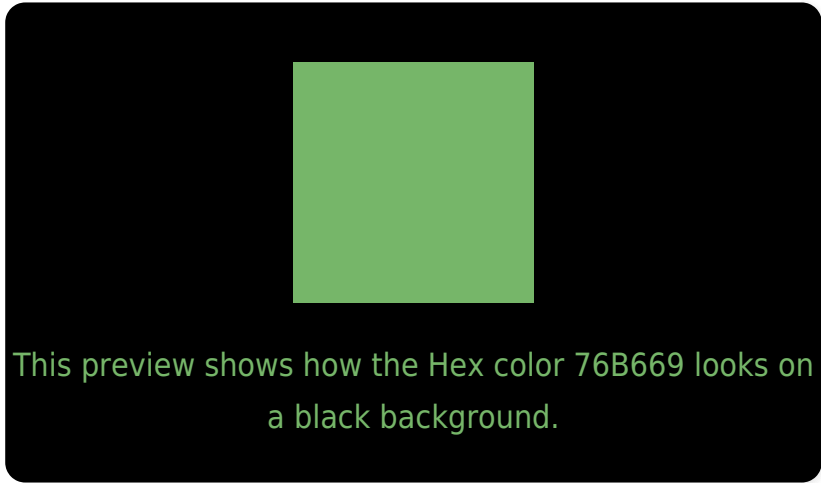
Large Text (above 18pt) WCAG AA × Fail

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 76B669 Background



This preview shows how black text looks on a background with the Hex color 76B669.



This preview shows how white text looks on a background with the Hex color 76B669.

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](#).

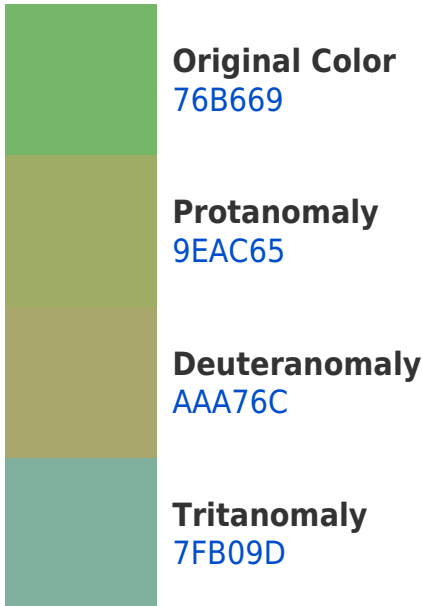
Dichromacy





Tritanopia
84ACBA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B669 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 #76B669 looks like.

```
.text, #text, p{  
    color:#76B669  
}
```

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 #76B669 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B669
}
```

Border

The CSS property to change the border of an element to Hex 76B669 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
#76B669 }
```

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

```
.border{ border-color:#76B669 }
```

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

Here you see how a box with a 4 pixel #76B669 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B669; -webkit-box-shadow:4px 4px  
4px 4px #76B669; box-shadow:4px 4px 4px  
4px #76B669 }
```

Background

The CSS property to change the background color of an element to Hex 76B669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B669 }
```

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

```
.background{ background-color:#76B669 }
```

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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