

Converting Colors

Hex(76B159)

Have a look what the booklet for
Hex(76B159) contains.

Hex(76B159)	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(76B159)

Conversions

Conversions Part 1

Format	Color
Hex	76B159
RGB	118, 177, 89
RGB Percent	46%, 69%, 35%
CMY	0.5373, 0.3059, 0.6510
CMYK	0.33, 0.00, 0.50, 0.31
HSL	100°, 36%, 52%
HSV	100°, 50%, 69%
XYZ	24.9965, 36.0171, 15.0857
YIQ	149.3270, -6.9160, -39.8760

Conversions

Conversions Part 2

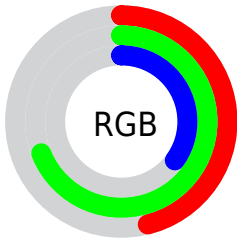
Format	Color
RYB	89, 177, 148
Decimal	7778649
CIELab	66.53, -35.40, 38.81
CIELCh	67, 52.529, 132.371
Yxy	36.0171, 0.3285, 0.4733
Android (android.graphics.Color)	4285968729 (0xFF76B159)
YUV	149.3270, -29.7412, -27.4738
Hunter-Lab	60.0142, -30.6779, 27.1063

Details

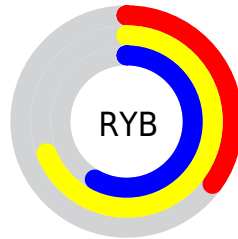
The Hex color **76B159** is a dark color, and the websafe version is hex **669933**. A complement of this color would be **9459B1**, and the grayscale version is **969696**.

A 20% lighter version of the original color is **ADE98D**, and **417C28** is the 20% darker color. If you saturate the color by 10%, you get **6AB147**, and if you desaturate by 10%, it is **82B16B**.

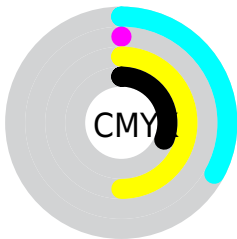
Distribution



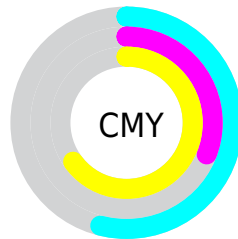
- Red (46%)
- Green (69%)
- Blue (35%)



- Red (35%)
- Yellow (69%)
- Blue (58%)



- Cyan (33%)
- Magenta (0%)
- Yellow (50%)
- Black (31%)



- Cyan (54%)
- Magenta (31%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B159 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 76B159 by changing the saturation by 10% instead.



76B159



76B159

FFFFFF



5B9640



ADE98D



417C28



C9FFA8



26630D



E6FFC3



054A00



FFFFE0



003300



FFFFFFD



001F00



000000



76B159



76B159



6AB147



82B16B

 5EB136

 8EB17C

 52B124

 9AB18E

 47B112

 A5B1A0

 3BB101

 B1B1B2

 3AB100

 BDB1C3

 C9B1D5

 D5B1E7

 E1B1F8

Harmonies

Analogous

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



AAA541



76B159



1EB884

Triad

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



76B159



00AFFB



FA7990

Complementary

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



76B159



9459B1

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.



EA7DC0



76B159



73A0FE

Square

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



76B159



00B7E0



BE8DE8



F18464

Rectangle

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



76B159



00B9A4



BE8DE8



F879A0

Sweetspot

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



76B159



CEE6C3



B19459



65735E



F2F2F2



737373

Same Dimension

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



76B159



89E65C



59B168



535950



329900



081A00

Inverse Universe

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



9459B1



B85CE6



B159A2



565059



670099



11001A

Previews

White Background



This preview shows how the Hex color 76B159 looks on a white background.

Color Contrast Check

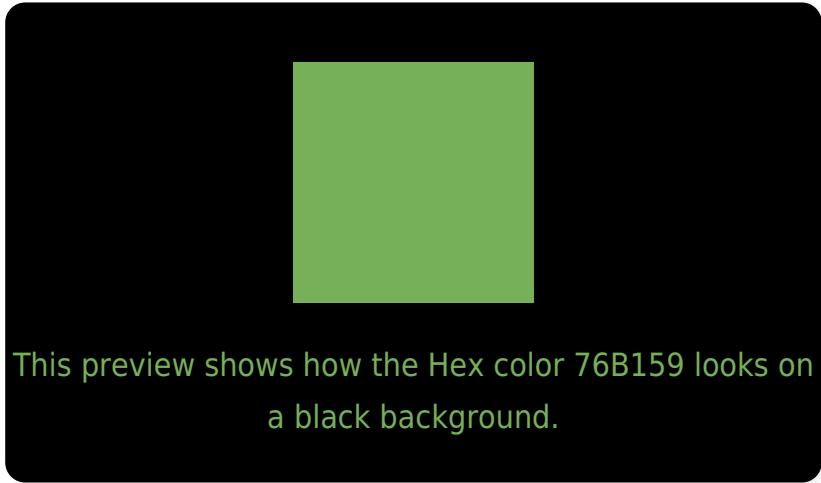
Large Text (above 18pt) WCAG AA × Fail

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 76B159 Background



This preview shows how black text looks on a background with the Hex color 76B159.



This preview shows how white text looks on a background with the Hex color 76B159.

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



Original Color
76B159

Protanopia
B2A154

Deuteranopia
C49A5F



Tritanopia
85A7B4

Trichromacy



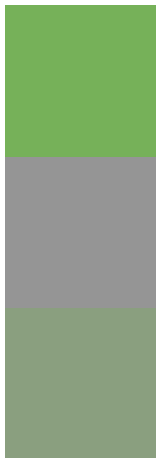
Original Color
76B159

Protanomaly
9CA756

Deuteranomaly
A8A25D

Tritanomaly
80AB93

Monochromacy



Original Color
76B159

Achromatopsia
959595

Achromatomaly
8A9F7F

CSS Examples

Text

The CSS property to change the color of the text to Hex 76B159 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 #76B159 looks like.

```
.text, #text, p{  
    color:#76B159  
}
```

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 #76B159 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B159
}
```

Border

The CSS property to change the border of an element to Hex 76B159 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
#76B159 }
```

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

```
.border{ border-color:#76B159 }
```

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

Here you see how a box with a 4 pixel #76B159 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B159; -webkit-box-shadow:4px 4px  
4px 4px #76B159; box-shadow:4px 4px 4px  
4px #76B159 }
```

Background

The CSS property to change the background color of an element to Hex 76B159 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B159 }
```

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

```
.background{ background-color:#76B159 }
```

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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