

Converting Colors

Hex(76B176)

Have a look what the booklet for
Hex(76B176) contains.

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Color

Hex(76B176)

Conversions

Conversions Part 1

Format	Color
Hex	76B176
RGB	118, 177, 118
RGB Percent	46%, 69%, 46%
CMY	0.5373, 0.3059, 0.5373
CMYK	0.33, 0.00, 0.33, 0.31
HSL	120°, 27%, 58%
HSV	120°, 33%, 69%
XYZ	26.4634, 36.6038, 22.8100
YIQ	152.6330, -16.2250, -30.8570

Conversions

Conversions Part 2

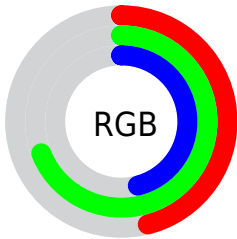
Format	Color
RYB	118, 177, 177
Decimal	7778678
CIELab	66.98, -31.18, 24.28
CIELCh	67, 39.517, 142.083
Yxy	36.6038, 0.3082, 0.4262
Android (android.graphics.Color)	4285968758 (0xFF76B176)
YUV	152.6330, -17.0741, -30.3731
Hunter-Lab	60.5011, -27.8005, 19.9974

Details

The Hex color **76B176** is a dark color, and the websafe version is hex **669966**. A complement of this color would be **B176B1**, and the grayscale version is **999999**.

A 20% lighter version of the original color is **ACE9AB**, and **427C45** is the 20% darker color. If you saturate the color by 10%, you get **64B164**, and if you desaturate by 10%, it is **88B188**.

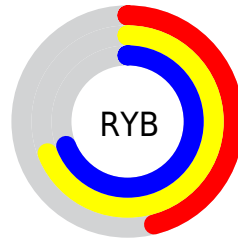
Distribution



Red (46%)

Green (69%)

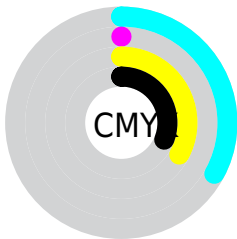
Blue (46%)



Red (46%)

Yellow (69%)

Blue (69%)

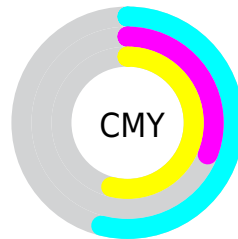


Cyan (33%)

Magenta (0%)

Yellow (33%)

Black (31%)



Cyan (54%)

Magenta (31%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B176 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 76B176 by changing the saturation by 10% instead.



76B176



76B176

FFFFFF



5C965D



ACE9AB



427C45



C8FFC6



29632E



E4FFE2



0C4A18



003300



002000



000000



76B176



76B176



64B164



88B188

 53B153

 99B199

 41B141

 ABB1AB

 2FB12F

 BDB1BD

 1EB11E

 CFB1CF

 0CB10C

 E0B1E0

 00B100

 F2B1F2

 FFB1FF

Harmonies

Analogous

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



9FA960



76B176



43B598

Triad

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



76B176



5BA9E9



E8888A

Complementary

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



76B176



B176B1

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.



E188AE



76B176



999DE5

Square

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



76B176



00B2DA



C790CF



DC916C

Rectangle

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



76B176



07B6B1



C790CF



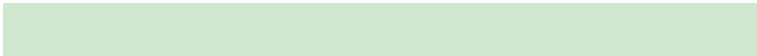
E88796

Sweetspot

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



76B176



CFE6CF



B1B176



657365



F2F2F2



737373

Same Dimension

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



76B176



8AE68A



76B194



505950



009900



001A00

Inverse Universe

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



B176B1



E68AE6



B17694



595059



990099



1A001A

Previews

White Background



This preview shows how the Hex color 76B176 looks on a white background.

Color Contrast Check

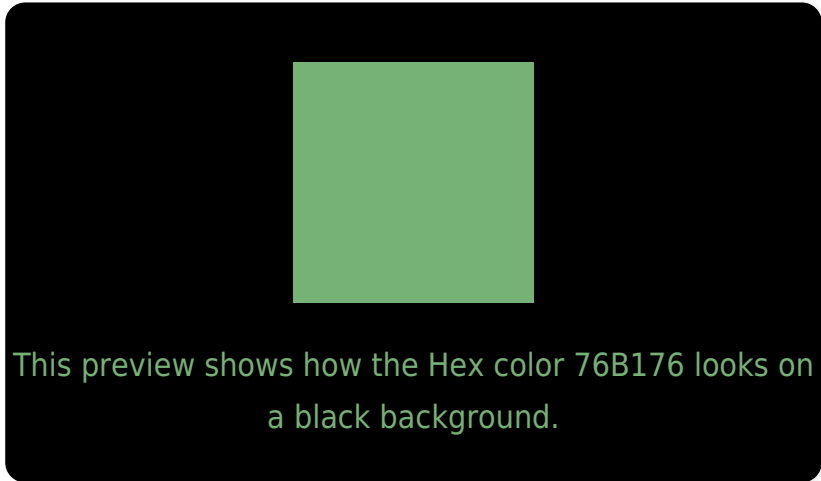
Large Text (above 18pt) WCAG AA × Fail

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

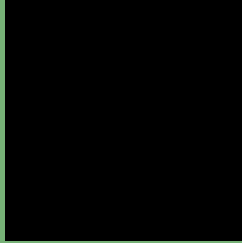
Any Text WCAG AA ✓ Pass

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 76B176 Background



This preview shows how black text looks on a background with the Hex color 76B176.

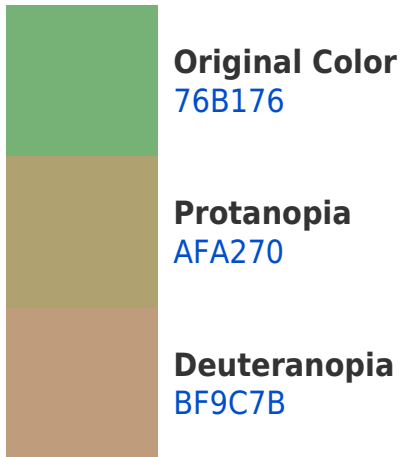


This preview shows how white text looks on a background with the Hex color 76B176.

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](#).

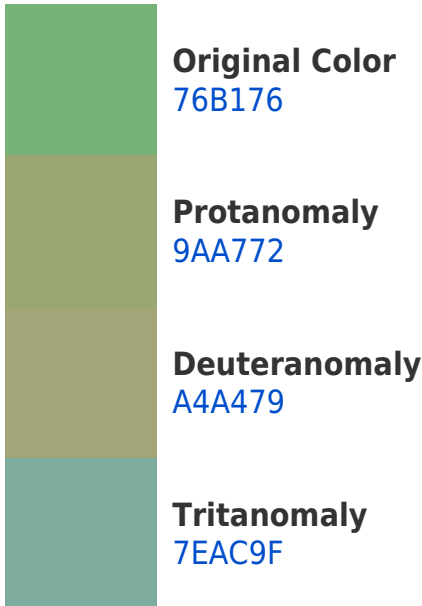
Dichromacy



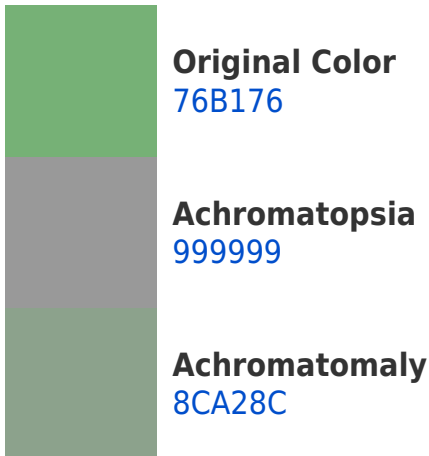


Tritanopia
82A9B6

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B176 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 #76B176 looks like.

```
.text, #text, p{  
    color:#76B176  
}
```

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 #76B176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B176
}
```

Border

The CSS property to change the border of an element to Hex 76B176 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
#76B176 }
```

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

```
.border{ border-color:#76B176 }
```

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

Here you see how a box with a 4 pixel #76B176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B176; -webkit-box-shadow:4px 4px  
4px 4px #76B176; box-shadow:4px 4px 4px  
4px #76B176 }
```

Background

The CSS property to change the background color of an element to Hex 76B176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B176 }
```

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

```
.background{ background-color:#76B176 }
```

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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