

Converting Colors

Hex(76B864)

Have a look what the booklet for
Hex(76B864) contains.

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Color

Hex(76B864)

Conversions

Conversions Part 1

Format	Color
Hex	76B864
RGB	118, 184, 100
RGB Percent	46%, 72%, 39%
CMY	0.5373, 0.2784, 0.6078
CMYK	0.36, 0.00, 0.46, 0.28
HSL	107°, 37%, 56%
HSV	107°, 46%, 72%
XYZ	26.9120, 39.0526, 18.1761
YIQ	154.6900, -12.3720, -40.1160

Conversions

Conversions Part 2

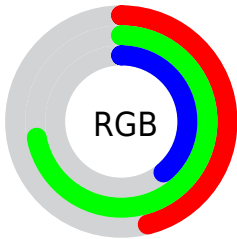
Format	Color
RYB	100, 184, 166
Decimal	7780452
CIELab	68.79, -37.15, 36.07
CIELCh	69, 51.774, 135.845
Yxy	39.0526, 0.3198, 0.4641
Android (android.graphics.Color)	4285970532 (0xFF76B864)
YUV	154.6900, -26.9622, -32.1771
Hunter-Lab	62.4921, -32.4909, 26.4997

Details

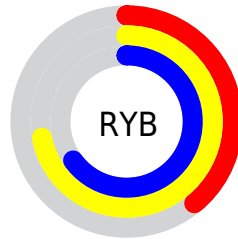
The Hex color **76B864** is a dark color, and the websafe version is hex **99CC66**. A complement of this color would be **A664B8**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **ADF098**, and **418233** is the 20% darker color. If you saturate the color by 10%, you get **68B852**, and if you desaturate by 10%, it is **84B876**.

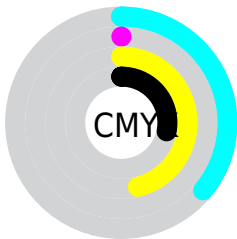
Distribution



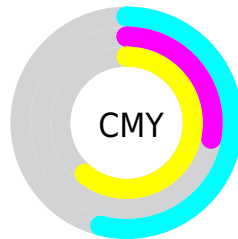
- Red (46%)
- Green (72%)
- Blue (39%)



- Red (39%)
- Yellow (72%)
- Blue (65%)



- Cyan (36%)
- Magenta (0%)
- Yellow (46%)
- Black (28%)



- Cyan (54%)
- Magenta (28%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76B864 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 76B864 by changing the saturation by 10% instead.

 76B864

 76B864

FFFFFF

 5B9D4B

 ADF098

 418233

 C9FFB3

 25691A

 E6FFCF

 015000

 FFFFEC

 003800

 002500

 000000

 76B864

 76B864

 68B852

 84B876

 59B83F

 93B889

 4BB82D

 A1B89B

 3CB81A

 B0B8AE

 2EB808

 BEB8C0

 27B800

 CDB8D2

 DBB8E5

 EAB8F7

 F8B8FF

Harmonies

Analogous

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



ABAD49



76B864



1ABE8F

Triad

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



76B864



00B3FF



FF8191

Complementary

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



76B864



A664B8

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.



F383C0



76B864



86A4FF

Square

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



76B864



00BCEA



CB92EA



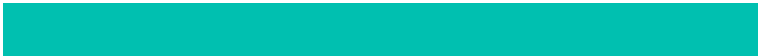
F48C67

Rectangle

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



76B864



00C0B0



CB92EA



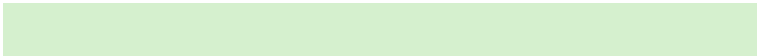
FF80A0

Sweetspot

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



76B864



D5F0CE



B8A664



687863



F7F7F7



787878

Same Dimension

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



76B864



88F06C



64B87C



555C53



219C00



061C00

Inverse Universe

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



A664B8



D36CF0



B864A0



5A535C



7A009C



16001C

Previews

White Background



This preview shows how the Hex color 76B864 looks on a white background.

Color Contrast Check

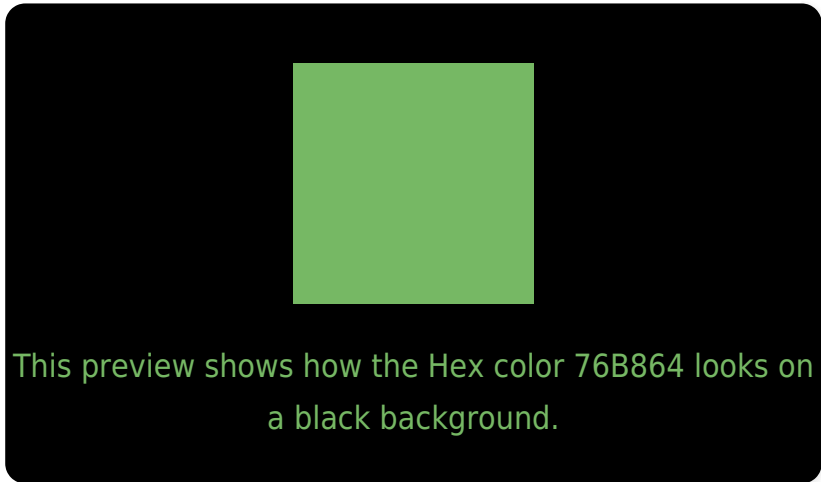
Large Text (above 18pt) WCAG AA × Fail

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 76B864 Background



This preview shows how black text looks on a background with the Hex color 76B864.

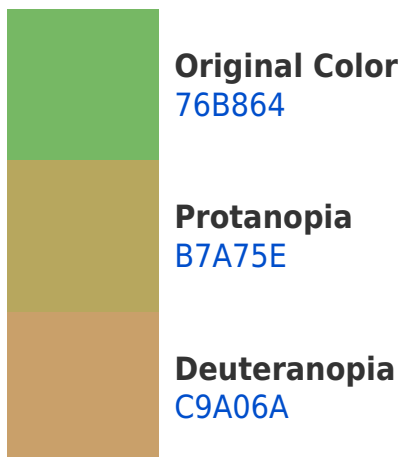


This preview shows how white text looks on a background with the Hex color 76B864.

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](#).

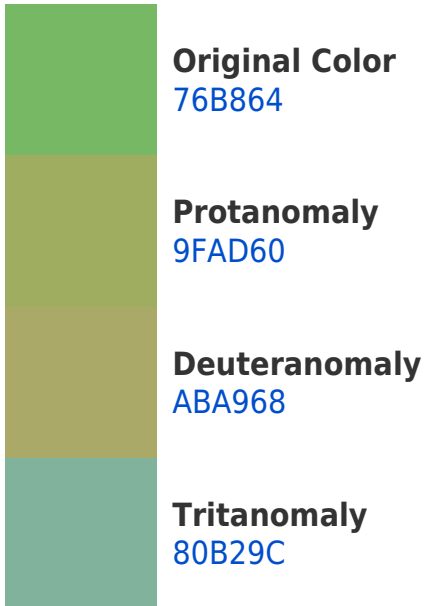
Dichromacy





Tritanopia
85AEB3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76B864 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 #76B864 looks like.

```
.text, #text, p{  
    color:#76B864  
}
```

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 #76B864 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76B864
}
```

Border

The CSS property to change the border of an element to Hex 76B864 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
#76B864 }
```

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

```
.border{ border-color:#76B864 }
```

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

Here you see how a box with a 4 pixel #76B864 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76B864; -webkit-box-shadow:4px 4px  
4px 4px #76B864; box-shadow:4px 4px 4px  
4px #76B864 }
```

Background

The CSS property to change the background color of an element to Hex 76B864 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76B864 }
```

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

```
.background{ background-color:#76B864 }
```

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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