

Converting Colors

Hex(76865B)

Have a look what the booklet for
Hex(76865B) contains.

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Color

Hex(76865B)

Conversions

Conversions Part 1

Format	Color
Hex	76865B
RGB	118, 134, 91
RGB Percent	46%, 53%, 36%
CMY	0.5373, 0.4745, 0.6431
CMYK	0.12, 0.00, 0.32, 0.47
HSL	82°, 19%, 44%
HSV	82°, 32%, 53%
XYZ	17.8846, 21.6571, 13.1351
YIQ	124.3140, 4.2670, -16.7650

Conversions

Conversions Part 2

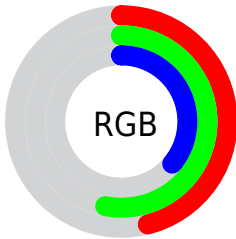
Format	Color
R_{YB}	91, 134, 107
Decimal	7767643
CIE _{Lab}	53.66, -13.75, 21.28
CIE _{LCh}	54, 25.337, 122.858
Yxy	21.6571, 0.3395, 0.4111
Android (android.graphics.Color)	4285957723 (0xFF76865B)
YUV	124.3140, -16.4238, -5.5374
Hunter-Lab	46.5372, -12.8409, 15.8414

Details

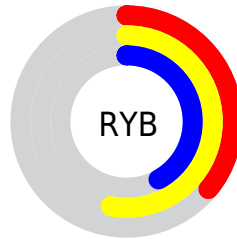
The Hex color **76865B** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **6B5B86**, and the grayscale version is **7C7C7C**.

A 20% lighter version of the original color is **ABBB8E**, and **45542D** is the 20% darker color. If you saturate the color by 10%, you get **71864E**, and if you desaturate by 10%, it is **7B8668**.

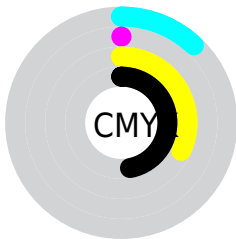
Distribution



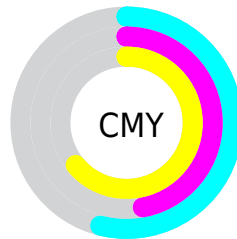
- Red (46%)
- Green (53%)
- Blue (36%)



- Red (36%)
- Yellow (53%)
- Blue (42%)



- Cyan (12%)
- Magenta (0%)
- Yellow (32%)
- Black (47%)



- Cyan (54%)
- Magenta (47%)
- Yellow (64%)

Brightness & Saturation Gradients

These gradients show how the Hex color 76865B 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 76865B by changing the saturation by 10% instead.

 76865B

 76865B

FFFFFF

 5D6D43

 ABBB8E

 45542D

 C6D7A8

 2E3D17

 E2F3C3

 1A2700

 FFFFDF

 001400

 FFFFFC

 000000

 76865B

 76865B

 71864E

 7B8668

 6C8640

 808676

■ 678633

■ 858683

■ 628625

■ 8A8691

■ 5D8618

■ 8F869E

■ 58860B

■ 9486AB

■ 548600

■ 9986B9

■ 9E86C6

■ A386D4

Harmonies

Analogous

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



8D8054



76865B



5C8A6C

Triad

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



76865B



4788A6



AA707F

Complementary

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



76865B



6B5B86

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.



9E7395



76865B



6682AB

Square

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



76865B



388B97



867AA5



AB726A

Rectangle

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



76865B



4C8C7A



867AA5



A87086

Sweetspot

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



76865B



A7AD9C



866B5B



53574C



D6D6D6



575757

Same Dimension

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



76865B



94AD6A



61865B



40423C



528200



020300

Inverse Universe

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



6B5B86



836AAD



805B86



3E3C42



300082



010003

Previews

White Background



This preview shows how the Hex color 76865B looks on a white background.

Color Contrast Check

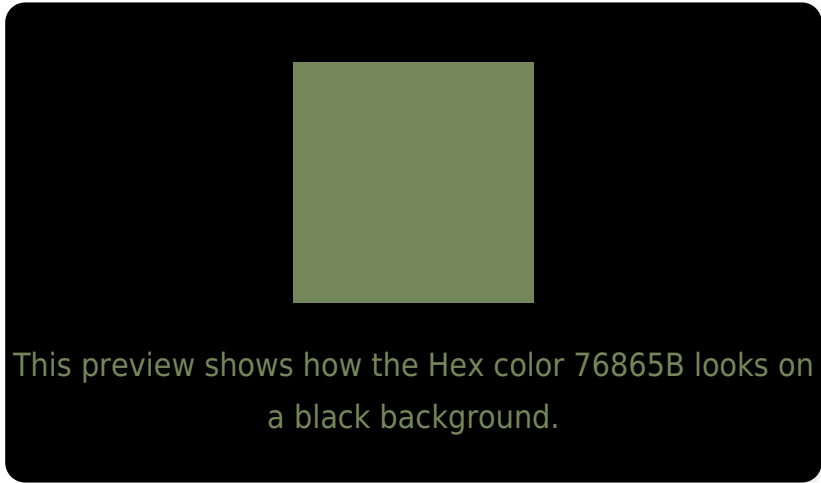
Large Text (above 18pt) WCAG AA ✓ Pass

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

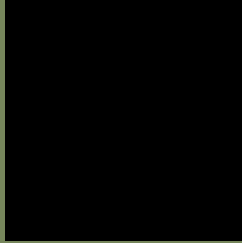
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Hex 76865B Background



This preview shows how black text looks on a background with the Hex color 76865B.



This preview shows how white text looks on a background with the Hex color 76865B.

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](#).

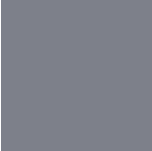
Dichromacy



Original Color
76865B

Protanopia
8A8058

Deuteranopia
987B5D

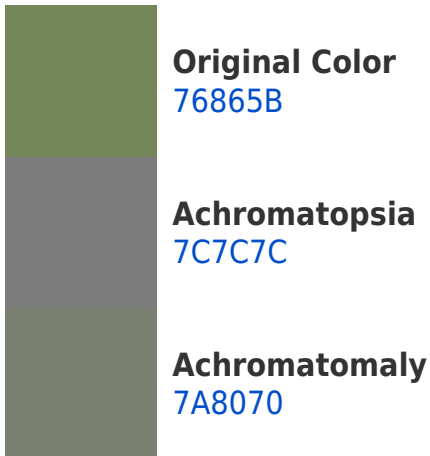


Tritanopia
7D808A

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 76865B 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 #76865B looks like.

```
.text, #text, p{  
    color:#76865B  
}
```

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 #76865B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #76865B
}
```

Border

The CSS property to change the border of an element to Hex 76865B 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
#76865B }
```

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

```
.border{ border-color:#76865B }
```

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

Here you see how a box with a 4 pixel #76865B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #76865B; -webkit-box-shadow:4px 4px  
4px 4px #76865B; box-shadow:4px 4px 4px  
4px #76865B }
```

Background

The CSS property to change the background color of an element to Hex 76865B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#76865B }
```

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

```
.background{ background-color:#76865B }
```

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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