

# Converting Colors

Hex(4B7876)

Have a look what the booklet for  
Hex(4B7876) contains.

<b>Hex(4B7876)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

Hex(4B7876)

# Conversions

## Conversions Part 1

Format	Color
Hex	4B7876
RGB	75, 120, 118
RGB Percent	29%, 47%, 46%
CMY	0.7059, 0.5294, 0.5373
CMYK	0.37, 0.00, 0.02, 0.53
HSL	177°, 23%, 38%
HSV	177°, 37%, 47%
XYZ	12.8881, 16.2368, 19.5943
YIQ	106.3170, -26.1780, -10.1620

# Conversions

## Conversions Part 2

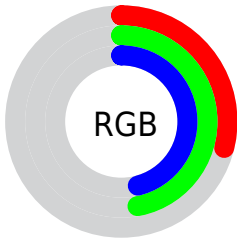
<b>Format</b>	<b>Color</b>
<b>RYB</b>	75, 98, 120
Decimal	4946038
CIELab	47.28, -15.90, -3.81
CIELCh	47, 16.349, 193.460
Yxy	16.2368, 0.2645, 0.3333
Android (android.graphics.Color)	4283136118 (0xFF4B7876)
YUV	106.3170, 5.7597, -27.4650
Hunter-Lab	40.2949, -13.4237, -0.6246

# Details

The Hex color **4B7876** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **784B4D**, and the grayscale version is **6A6A6A**.

A 20% lighter version of the original color is **7EACAA**, and **194746** is the 20% darker color. If you saturate the color by 10%, you get **3F7875**, and if you desaturate by 10%, it is **577877**.

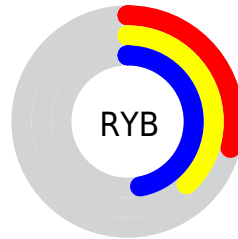
# Distribution



Red (29%)

Green (47%)

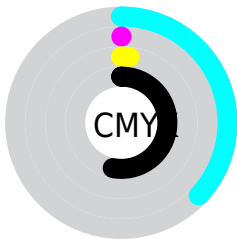
Blue (46%)



Red (29%)

Yellow (38%)

Blue (47%)

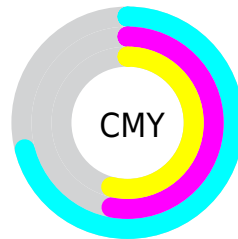


Cyan (37%)

Magenta (0%)

Yellow (2%)

Black (53%)



Cyan (71%)

Magenta (53%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 4B7876 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 4B7876 by changing the saturation by 10% instead.



■ 4B7876

■ 4B7876

FFFFFF

■ 325F5D

■ 7EACAA

■ 194746

■ 99C8C5

■ 003130

■ B4E4E1

■ 001C1B

■ D0FFFE

■ 000000

■ ECFE

■ 4B7876

■ 4B7876

■ 3F7875

■ 577877

■ 337875

■ 637877

■ 277874

■ 6F7878

■ 1B7874

■ 7B7878

■ 0F7873

■ 877879

■ 037873

■ 937879

■ 007873

■ 9F787A

■ AB787A

■ B7787B

# Harmonies

## Analogous

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



557768



4B7876



4B7783

# Triad

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



4B7876



7A6B84



816D56

# Complementary

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



4B7876



784B4D

# 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.



8A695E



4B7876



876778

# Square

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



4B7876



686F8B



8C666A



747155

# Rectangle

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



4B7876



517588



8C666A



856B58



# Sweetspot

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



4B7876



8A9C9B



4D784B



454F4F



CFCFCF



4F4F4F



# Same Dimension

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



4B7876



569C98



4B6478



373D3D



007D77



00FCF1



# Inverse Universe

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



784B4D



9C5659



785F4B



3D3737



7D0006

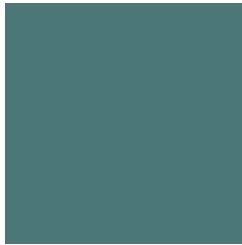


FC000B



# Previews

## White Background



This preview shows how the Hex color 4B7876 looks on a white background.

## Color Contrast Check

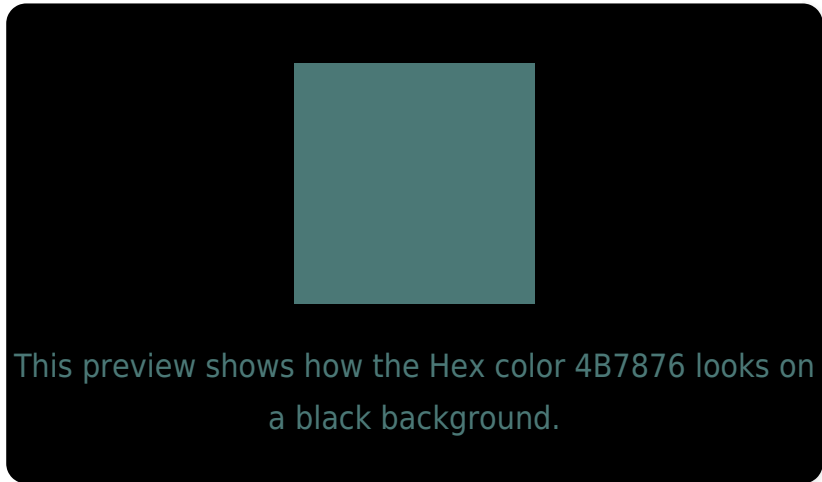
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

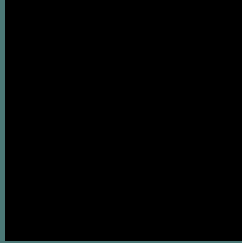
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 4B7876 Background



This preview shows how black text looks on a background with the Hex color 4B7876.

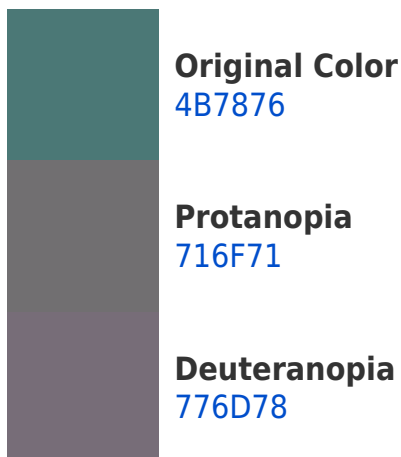


This preview shows how white text looks on a background with the Hex color 4B7876.

# 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](#).

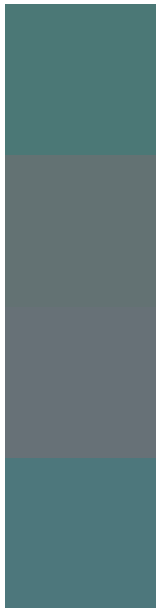
## Dichromacy





**Tritanopia**  
4E7680

# Trichromacy



**Original Color**  
4B7876

**Protanomaly**  
637273

**Deuteranomaly**  
677177

**Tritanomaly**  
4D777C

# Monochromacy



**Original Color**  
4B7876

**Achromatopsia**  
6A6A6A

**Achromatomaly**  
5F6F6E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 4B7876 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 #4B7876 looks like.

```
.text, #text, p{  
    color:#4B7876  
}
```

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 #4B7876 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4B7876
}
```

## Border

The CSS property to change the border of an element to Hex 4B7876 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".

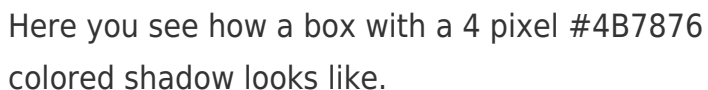
```
.border, #border, table{ border:4px solid
#4B7876 }
```

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

```
.border{ border-color:#4B7876 }
```

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

Here you see how a box with a 4 pixel #4B7876 colored shadow looks like.



```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4B7876; -webkit-box-shadow:4px 4px  
4px 4px #4B7876; box-shadow:4px 4px 4px  
4px #4B7876 }
```

# Background

The CSS property to change the background color of an element to Hex 4B7876 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4B7876 }
```

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

```
.background{ background-color:#4B7876 }
```

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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