

Converting Colors

Hex(4A7660)

Have a look what the booklet for
Hex(4A7660) contains.

Hex(4A7660)	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(4A7660)

Conversions

Conversions Part 1

Format	Color
Hex	4A7660
RGB	74, 118, 96
RGB Percent	29%, 46%, 38%
CMY	0.7098, 0.5373, 0.6235
CMYK	0.37, 0.00, 0.19, 0.54
HSL	150°, 23%, 38%
HSV	150°, 37%, 46%
XYZ	11.4138, 15.2572, 13.4097
YIQ	102.3360, -19.1620, -16.1700

Conversions

Conversions Part 2

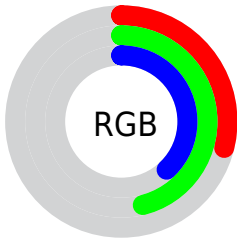
Format	Color
RYB	74, 103, 118
Decimal	4879968
CIELab	45.98, -20.49, 7.36
CIELCh	46, 21.778, 160.237
Yxy	15.2572, 0.2848, 0.3807
Android (android.graphics.Color)	4283070048 (0xFF4A7660)
YUV	102.3360, -3.1236, -24.8507
Hunter-Lab	39.0605, -16.1968, 6.9878

Details

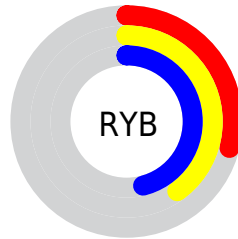
The Hex color **4A7660** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764A60**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7CAA93**, and **1A4532** is the 20% darker color. If you saturate the color by 10%, you get **3E765A**, and if you desaturate by 10%, it is **567666**.

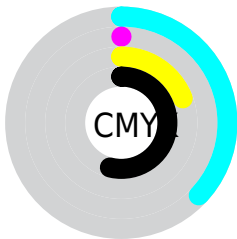
Distribution



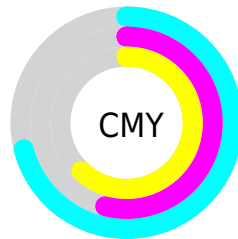
- Red (29%)
- Green (46%)
- Blue (38%)



- Red (29%)
- Yellow (40%)
- Blue (46%)



- Cyan (37%)
- Magenta (0%)
- Yellow (19%)
- Black (54%)



- Cyan (71%)
- Magenta (54%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7660 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 4A7660 by changing the saturation by 10% instead.

 4A7660

 4A7660

FFFFFF

 325D48

 7CAA93

 1A4532

 97C6AD

 012F1D

 B2E2C8

 001B03

 CEFFE5

 000000

 EAFFFF

 4A7660

 4A7660

 3E765A

 567666

 327654

 62766C

■ 27764E

■ 6D7672

■ 1B7648

■ 797678

■ 0F7643

■ 85767E

■ 03763D

■ 917683

■ 00763B

■ 9D7689

■ A8768F

■ B47695

Harmonies

Analogous

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



5F7351



4A7660



387773

Triad

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



4A7660



5E6C91



8F6256

Complementary

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



4A7660



764A60

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.



915F67



4A7660



776689

Square

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



4A7660



44728F



89617A



84684B

Rectangle

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



4A7660



32767F



89617A



91615B

Sweetspot

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



4A7660



889991



60764A



434D48



CCCCCC



4D4D4D

Same Dimension

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



4A7660



549977



4A7676



353B38



007A3D



00FA7D

Inverse Universe

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



764A60



995477



764A4A



3B3538



7A003D



FA007D

Previews

White Background



This preview shows how the Hex color 4A7660 looks on a white background.

Color Contrast Check

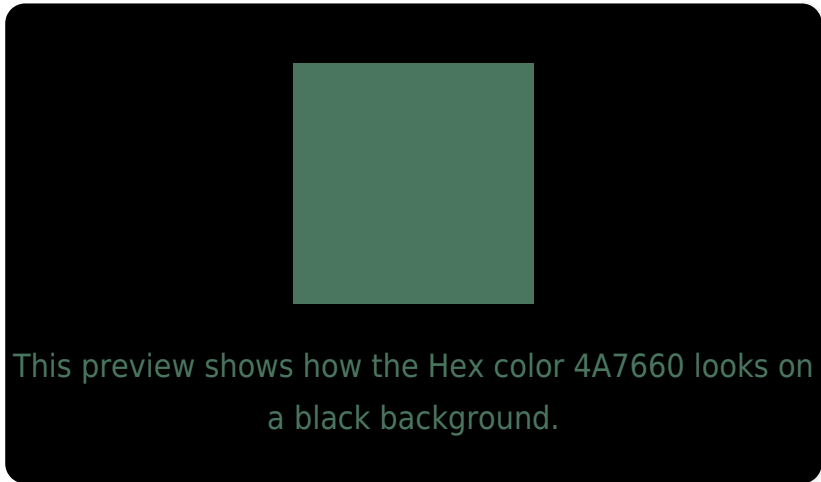
Large Text (above 18pt) WCAG AA ✓ Pass

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

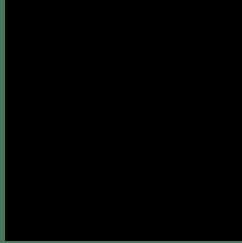
Any Text WCAG AA × Fail

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 4A7660 Background



This preview shows how black text looks on a background with the Hex color 4A7660.



This preview shows how white text looks on a background with the Hex color 4A7660.

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

4A7660

Protanopia

726C5B

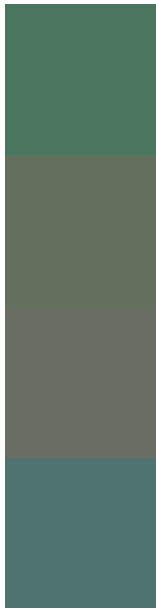
Deuteranopia

7A6963



Tritanopia
50727B

Trichromacy



Original Color
4A7660

Protanomaly
63705D

Deuteranomaly
696E62

Tritanomaly
4E7371

Monochromacy



Original Color
4A7660

Achromatopsia
666666

Achromatomaly
5C6C64

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7660 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 #4A7660 looks like.

```
.text, #text, p{  
    color:#4A7660  
}
```

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 #4A7660 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7660
}
```

Border

The CSS property to change the border of an element to Hex 4A7660 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
#4A7660 }
```

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

```
.border{ border-color:#4A7660 }
```

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

Here you see how a box with a 4 pixel #4A7660 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7660; -webkit-box-shadow:4px 4px  
4px 4px #4A7660; box-shadow:4px 4px 4px  
4px #4A7660 }
```

Background

The CSS property to change the background color of an element to Hex 4A7660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7660 }
```

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

```
.background{ background-color:#4A7660 }
```

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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