

Converting Colors

Hex(4A7676)

Have a look what the booklet for
Hex(4A7676) contains.

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Color

Hex(4A7676)

Conversions

Conversions Part 1

Format	Color
Hex	4A7676
RGB	74, 118, 118
RGB Percent	29%, 46%, 46%
CMY	0.7098, 0.5373, 0.5373
CMYK	0.37, 0.00, 0.00, 0.54
HSL	180°, 23%, 38%
HSV	180°, 37%, 46%
XYZ	12.5725, 15.7207, 19.5113
YIQ	104.8440, -26.2240, -9.3280

Conversions

Conversions Part 2

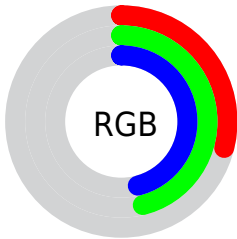
Format	Color
R_{YB}	74, 96, 118
Decimal	4879990
CIE _{Lab}	46.61, -15.09, -4.81
CIE _{LCh}	47, 15.843, 197.692
Yxy	15.7207, 0.2630, 0.3289
Android (android.graphics.Color)	4283070070 (0xFF4A7676)
YUV	104.8440, 6.4859, -27.0502
Hunter-Lab	39.6494, -12.7855, -1.4218

Details

The Hex color **4A7676** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764A4A**, and the grayscale version is **696969**.

A 20% lighter version of the original color is **7DAAAA**, and **184546** is the 20% darker color. If you saturate the color by 10%, you get **3E7676**, and if you desaturate by 10%, it is **567676**.

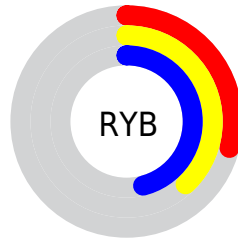
Distribution



Red (29%)

Green (46%)

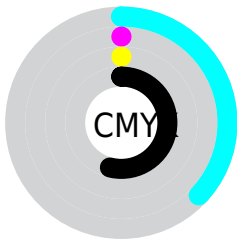
Blue (46%)



Red (29%)

Yellow (38%)

Blue (46%)

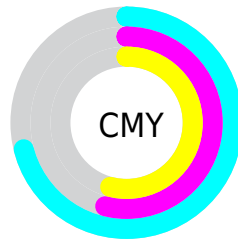


Cyan (37%)

Magenta (0%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (54%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7676 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 4A7676 by changing the saturation by 10% instead.



4A7676



4A7676

FFFFFF



315D5D



7DAAAA



184546



98C6C5



002F30



B3E2E1



001B1B



CFEFE



000000



EBFFFF



4A7676



4A7676



3E7676



567676



327676



627676

■ 277676

■ 6D7676

■ 1B7676

■ 797676

■ 0F7676

■ 857676

■ 037676

■ 917676

■ 007676

■ 9D7676

■ A87676

■ B47676

Harmonies

Analogous

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



537668



4A7676



4B7582

Triad

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



4A7676



7A6980



7E6C55

Complementary

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



4A7676



764A4A

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.



87685B



4A7676



866674

Square

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



4A7676



696D88



8A6567



707055

Rectangle

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



4A7676



537387



8A6567



816A56

Sweetspot

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



4A7676



889999



4A764A



434D4D



CCCCCC



4D4D4D

Same Dimension

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



4A7676



549999



4A6076



353B3B



007A7A



00FAFA

Inverse Universe

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



764A76



995499



76604A



3B353B



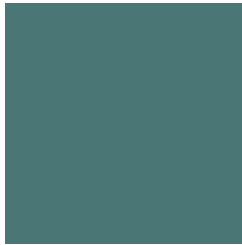
7A007A



FA00FA

Previews

White Background



This preview shows how the Hex color 4A7676 looks on a white background.

Color Contrast Check

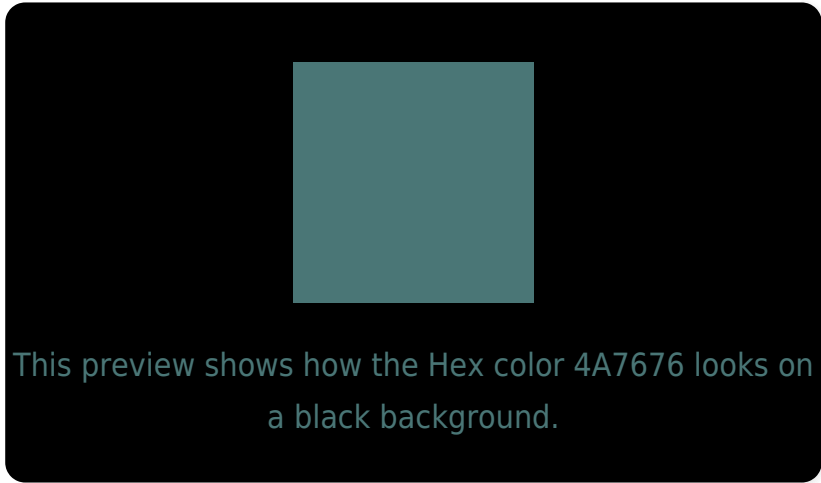
Large Text (above 18pt) WCAG AA ✓ Pass

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

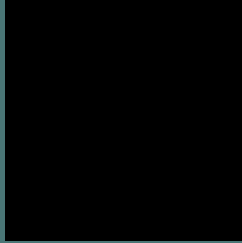
Any Text WCAG AA × Fail

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 4A7676 Background



This preview shows how black text looks on a background with the Hex color 4A7676.

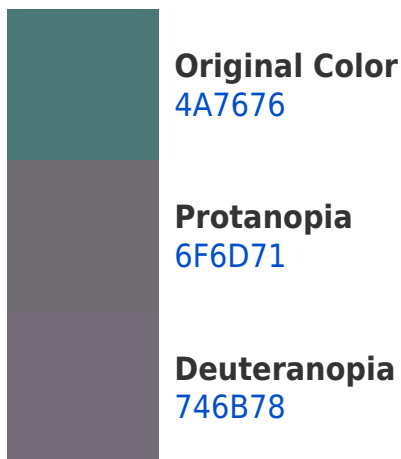


This preview shows how white text looks on a background with the Hex color 4A7676.

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](#).

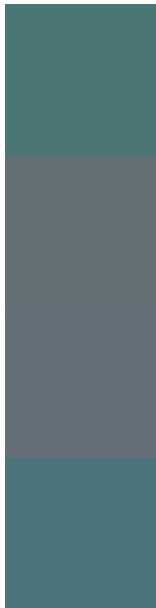
Dichromacy





Tritanopia
4C757E

Trichromacy



Original Color
4A7676

Protanomaly
627073

Deuteranomaly
656F77

Tritanomaly
4B757B

Monochromacy



Original Color
4A7676

Achromatopsia
696969

Achromatomaly
5E6E6E

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7676 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 #4A7676 looks like.

```
.text, #text, p{  
    color:#4A7676  
}
```

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 #4A7676 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7676
}
```

Border

The CSS property to change the border of an element to Hex 4A7676 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
#4A7676 }
```

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

```
.border{ border-color:#4A7676 }
```

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

Here you see how a box with a 4 pixel #4A7676 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7676; -webkit-box-shadow:4px 4px  
4px 4px #4A7676; box-shadow:4px 4px 4px  
4px #4A7676 }
```

Background

The CSS property to change the background color of an element to Hex 4A7676 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7676 }
```

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

```
.background{ background-color:#4A7676 }
```

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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