

Converting Colors

Hex(4A7176)

Have a look what the booklet for
Hex(4A7176) contains.

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Color

Hex(4A7176)

Conversions

Conversions Part 1

Format	Color
Hex	4A7176
RGB	74, 113, 118
RGB Percent	29%, 44%, 46%
CMY	0.7098, 0.5569, 0.5373
CMYK	0.37, 0.04, 0.00, 0.54
HSL	187°, 23%, 38%
HSV	187°, 37%, 46%
XYZ	11.9992, 14.5741, 19.3202
YIQ	101.9090, -24.8490, -6.7130

Conversions

Conversions Part 2

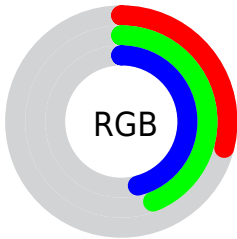
Format	Color
R_{YB}	74, 95, 118
Decimal	4878710
CIE _{Lab}	45.05, -12.30, -7.14
CIE _{LCh}	45, 14.219, 210.122
Yxy	14.5741, 0.2615, 0.3176
Android (android.graphics.Color)	4283068790 (0xFF4A7176)
YUV	101.9090, 7.9329, -24.4762
Hunter-Lab	38.1760, -10.7034, -3.2824

Details

The Hex color **4A7176** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **764F4A**, and the grayscale version is **666666**.

A 20% lighter version of the original color is **7DA5AA**, and **194146** is the 20% darker color. If you saturate the color by 10%, you get **3E7076**, and if you desaturate by 10%, it is **567276**.

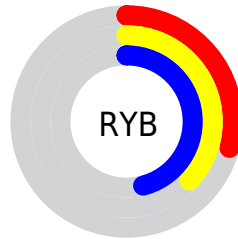
Distribution



Red (29%)

Green (44%)

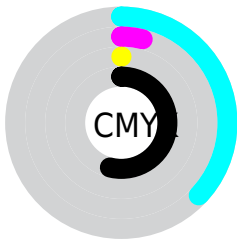
Blue (46%)



Red (29%)

Yellow (37%)

Blue (46%)

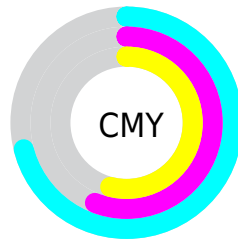


Cyan (37%)

Magenta (4%)

Yellow (0%)

Black (54%)



Cyan (71%)

Magenta (56%)

Yellow (54%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4A7176 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 4A7176 by changing the saturation by 10% instead.



4A7176



4A7176

FFFFFF



32585D



7DA5AA



194146



97C0C5



002B2F



B2DCE1



00171B



CEF8FE



000000



EBFFFF



4A7176



4A7176



3E7076



567276



326E76



627476

■ 276D76

■ 6D7576

■ 1B6C76

■ 797676

■ 0F6A76

■ 857876

■ 036976

■ 917976

■ 006976

■ 9D7A76

■ A87C76

■ B47D76

Harmonies

Analogous

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



4E716A



4A7176



506F7F

Triad

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



4A7176



7A6477



746A53

Complementary

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



4A7176



764F4A

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.



7E6656



4A7176



82626B

Square

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



4A7176



6D687F



83635F



676D56

Rectangle

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



4A7176



586D82



83635F



776853

Sweetspot

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



4A7176



889799



4A764E



434B4D



CCCCCC



4D4D4D

Same Dimension

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



4A7176



549199



4A5C76



353A3B



006C7A



00DEFA

Inverse Universe

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



764A71



995491



76644A



3B353A



7A006C



FA00DE

Previews

White Background



This preview shows how the Hex color 4A7176 looks on a white background.

Color Contrast Check

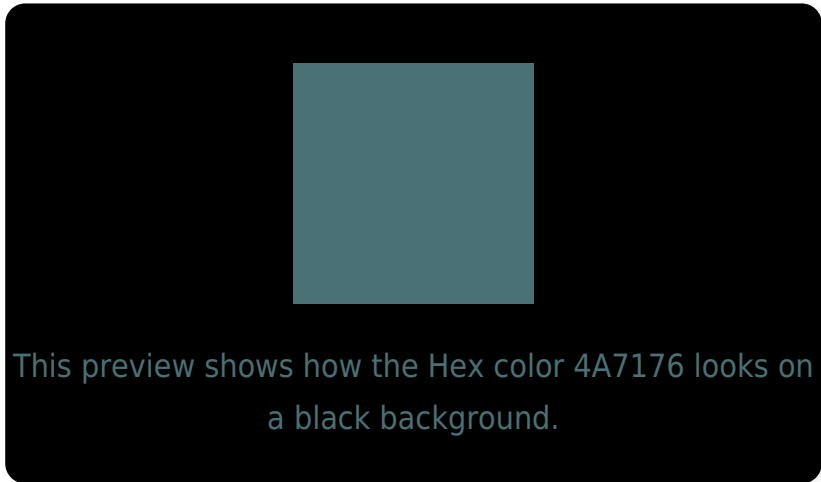
Large Text (above 18pt) WCAG AA ✓ Pass

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

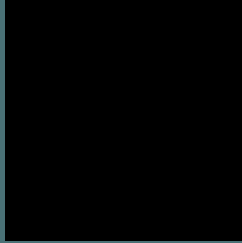
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

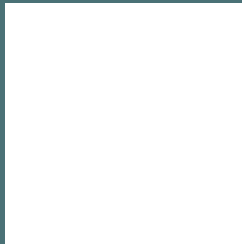
Any Text WCAG AAA × Fail

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

Hex 4A7176 Background



This preview shows how black text looks on a background with the Hex color 4A7176.

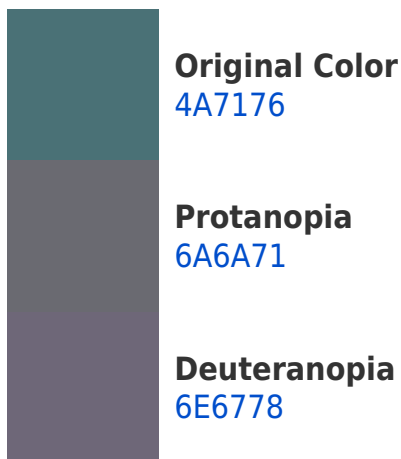


This preview shows how white text looks on a background with the Hex color 4A7176.

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](#).

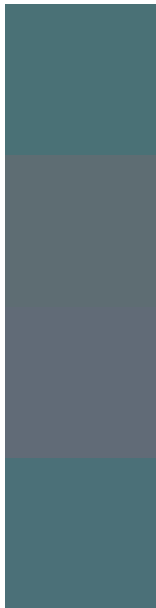
Dichromacy





Tritanopia
4B7079

Trichromacy



Original Color
4A7176

Protanomaly
5E6D73

Deuteranomaly
616B77

Tritanomaly
4B7078

Monochromacy



Original Color
4A7176

Achromatopsia
666666

Achromatomaly
5C6A6C

CSS Examples

Text

The CSS property to change the color of the text to Hex 4A7176 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 #4A7176 looks like.

```
.text, #text, p{  
    color:#4A7176  
}
```

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 #4A7176 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4A7176
}
```

Border

The CSS property to change the border of an element to Hex 4A7176 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
#4A7176 }
```

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

```
.border{ border-color:#4A7176 }
```

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

Here you see how a box with a 4 pixel #4A7176 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4A7176; -webkit-box-shadow:4px 4px  
4px 4px #4A7176; box-shadow:4px 4px 4px  
4px #4A7176 }
```

Background

The CSS property to change the background color of an element to Hex 4A7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4A7176 }
```

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

```
.background{ background-color:#4A7176 }
```

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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