

Converting Colors

Hex(4D7687)

Have a look what the booklet for
Hex(4D7687) contains.

Hex(4D7687)	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(4D7687)

Conversions

Conversions Part 1

Format	Color
Hex	4D7687
RGB	77, 118, 135
RGB Percent	30%, 46%, 53%
CMY	0.6980, 0.5373, 0.4706
CMYK	0.43, 0.13, 0.00, 0.47
HSL	198°, 27%, 42%
HSV	198°, 43%, 53%
XYZ	13.9122, 16.2839, 25.3315
YIQ	107.6790, -29.8930, -3.4050

Conversions

Conversions Part 2

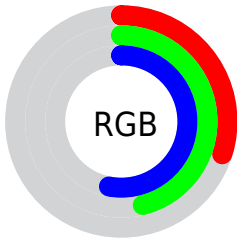
Format	Color
RYB	77, 101, 135
Decimal	5076615
CIELab	47.34, -9.53, -13.79
CIELCh	47, 16.766, 235.348
Yxy	16.2839, 0.2505, 0.2933
Android (android.graphics.Color)	4283266695 (0xFF4D7687)
YUV	107.6790, 13.4693, -26.9055
Hunter-Lab	40.3533, -9.0789, -8.9716

Details

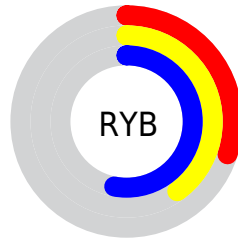
The Hex color **4D7687** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **875E4D**, and the grayscale version is **6C6C6C**.

A 20% lighter version of the original color is **81AABC**, and **1A4655** is the 20% darker color. If you saturate the color by 10%, you get **3F7287**, and if you desaturate by 10%, it is **5A7A87**.

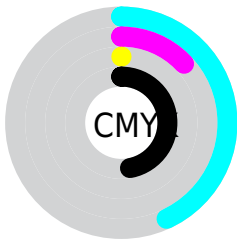
Distribution



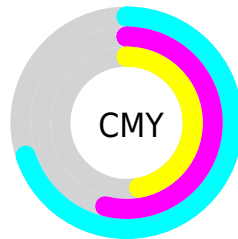
- Red (30%)
- Green (46%)
- Blue (53%)



- Red (30%)
- Yellow (40%)
- Blue (53%)



- Cyan (43%)
- Magenta (13%)
- Yellow (0%)
- Black (47%)



- Cyan (70%)
- Magenta (54%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7687 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 4D7687 by changing the saturation by 10% instead.



4D7687



4D7687

FFFFFF



345D6E



81AABC



1A4655



9CC5D8



002F3E



B7E1F4



001B28



D3FEFF



000114



F0FFFF



000000



4D7687



4D7687



3F7287



5A7A87



326E87



687E87

■ 256A87

■ 768287

■ 176687

■ 838687

■ 0A6287

■ 918A87

■ 005F87

■ 9E8E87

■ AC9287

■ B99687

■ C79A87

Harmonies

Analogous

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



48787C



4D7687



5D728C

Triad

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



4D7687



8B6673



6E7357

Complementary

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



4D7687



875E4D

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.



7D6F54



4D7687



8D6765

Square

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



4D7687



806980



886A5A



5E7660

Rectangle

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



4D7687



696F8B



886A5A



737255

Sweetspot

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



4D7687



99A9B0



4D875D



4B5559



D9D9D9



595959

Same Dimension

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



4D7687



5495B0



4D5A87



3C4042



005C82



000203

Inverse Universe

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



874D76



B05495



877A4D



423C40



82005C



030002

Previews

White Background



This preview shows how the Hex color 4D7687 looks on a white background.

Color Contrast Check

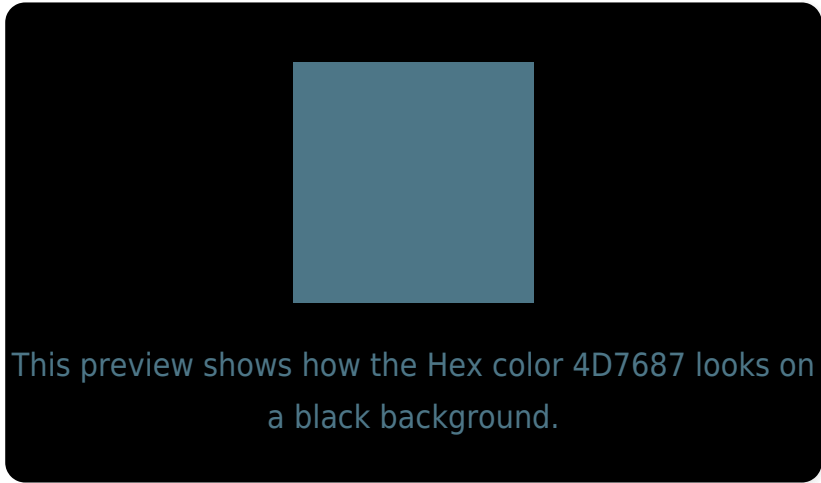
Large Text (above 18pt) WCAG AA ✓ Pass

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

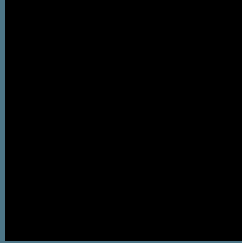
Any Text WCAG AA × Fail

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 4D7687 Background



This preview shows how black text looks on a background with the Hex color 4D7687.



This preview shows how white text looks on a background with the Hex color 4D7687.

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
4D7687

Protanopia
6C6F82

Deuteranopia
6E6E89

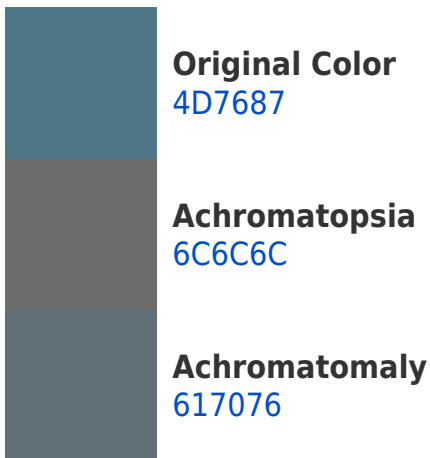


Tritanopia
4B7781

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7687 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 #4D7687 looks like.

```
.text, #text, p{  
    color:#4D7687  
}
```

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 #4D7687 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7687  
}
```

Border

The CSS property to change the border of an element to Hex 4D7687 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  
#4D7687 }
```

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

```
.border{ border-color:#4D7687 }
```

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

Here you see how a box with a 4 pixel #4D7687 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7687; -webkit-box-shadow:4px 4px  
4px 4px #4D7687; box-shadow:4px 4px 4px  
4px #4D7687 }
```

Background

The CSS property to change the background color of an element to Hex 4D7687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7687 }
```

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

```
.background{ background-color:#4D7687 }
```

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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