

Converting Colors

Hex(4D7B85)

Have a look what the booklet for
Hex(4D7B85) contains.

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Color

Hex(4D7B85)

Conversions

Conversions Part 1

Format	Color
Hex	4D7B85
RGB	77, 123, 133
RGB Percent	30%, 48%, 52%
CMY	0.6980, 0.5176, 0.4784
CMYK	0.42, 0.08, 0.00, 0.48
HSL	191°, 27%, 41%
HSV	191°, 42%, 52%
XYZ	14.3772, 17.4372, 24.7983
YIQ	110.3860, -30.6260, -6.6420

Conversions

Conversions Part 2

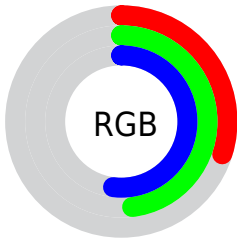
Format	Color
RYB	77, 102, 133
Decimal	5077893
CIELab	48.81, -12.93, -10.40
CIElCh	49, 16.594, 218.822
Yxy	17.4372, 0.2540, 0.3080
Android (android.graphics.Color)	4283267973 (0xFF4D7B85)
YUV	110.3860, 11.1487, -29.2795
Hunter-Lab	41.7578, -11.6189, -5.9794

Details

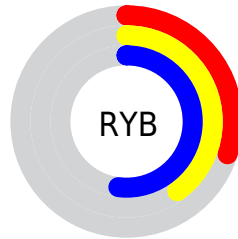
The Hex color **4D7B85** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **85574D**, and the grayscale version is **6E6E6E**.

A 20% lighter version of the original color is **81B0BA**, and **194A54** is the 20% darker color. If you saturate the color by 10%, you get **407985**, and if you desaturate by 10%, it is **5A7D85**.

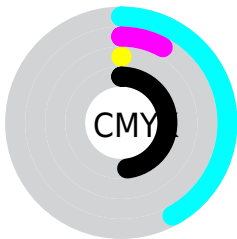
Distribution



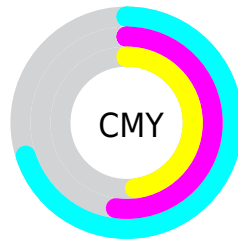
- Red (30%)
- Green (48%)
- Blue (52%)



- Red (30%)
- Yellow (40%)
- Blue (52%)



- Cyan (42%)
- Magenta (8%)
- Yellow (0%)
- Black (48%)



- Cyan (70%)
- Magenta (52%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the Hex color 4D7B85 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 4D7B85 by changing the saturation by 10% instead.

 4D7B85

 4D7B85

FFFFFF

 34626C

 81B0BA

 194A54

 9CCBD6

 00333C

 B7E7F2

 001E27

 D3FFFF

 000112

 F0FFFF

 000000

 4D7B85

 4D7B85

 407985

 5A7D85

 327685

 688085

■ 257485

■ 758285

■ 187185

■ 828585

■ 0B6F85

■ 8F8785

■ 006D85

■ 9D8985

■ AA8C85

■ B78E85

■ C59085

Harmonies

Analogous

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



4F7C78



4D7B85



57788E

Triad

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



4D7B85



8A6B7E



7A7458

Complementary

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



4D7B85



85574D

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.



87705A



4D7B85



906A70

Square

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



4D7B85



7C6F8A



8F6C63



6B785E

Rectangle

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



4D7B85



637590



8F6C63



7F7358

Sweetspot

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



4D7B85



97A9AD



4D8556



495457



D6D6D6



575757

Same Dimension

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



4D7B85



559EAD



4D6085



3C4142



006B82



000203

Inverse Universe

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



854D7B



AD559E



85724D



423C41



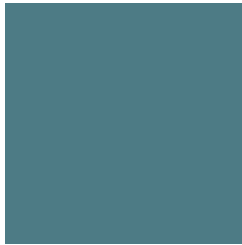
82006B



030002

Previews

White Background



This preview shows how the Hex color 4D7B85 looks on a white background.

Color Contrast Check

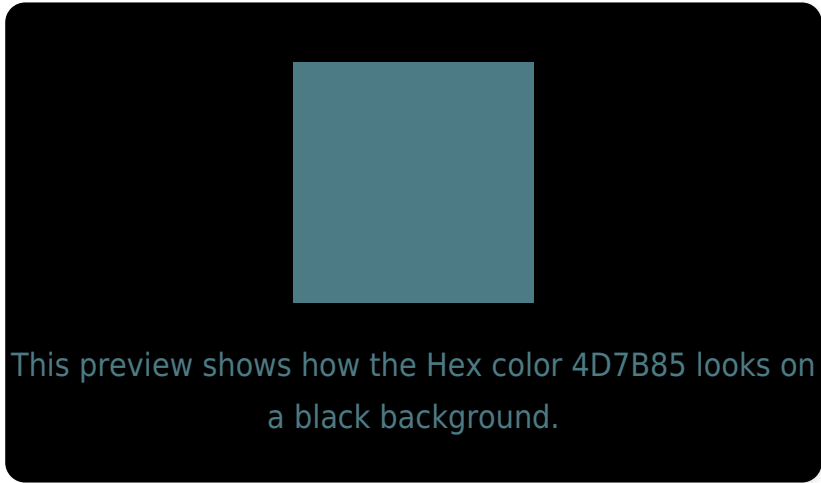
Large Text (above 18pt) WCAG AA ✓ Pass

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

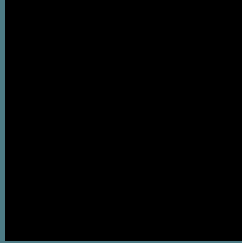
Any Text WCAG AA × Fail

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 4D7B85 Background



This preview shows how black text looks on a background with the Hex color 4D7B85.



This preview shows how white text looks on a background with the Hex color 4D7B85.

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
4D7B85

Protanopia
727380

Deuteranopia
757187



Tritanopia
4D7B85

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 4D7B85 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 #4D7B85 looks like.

```
.text, #text, p{  
    color:#4D7B85  
}
```

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 #4D7B85 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #4D7B85
}
```

Border

The CSS property to change the border of an element to Hex 4D7B85 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
#4D7B85 }
```

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

```
.border{ border-color:#4D7B85 }
```

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

Here you see how a box with a 4 pixel #4D7B85 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #4D7B85; -webkit-box-shadow:4px 4px  
4px 4px #4D7B85; box-shadow:4px 4px 4px  
4px #4D7B85 }
```

Background

The CSS property to change the background color of an element to Hex 4D7B85 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#4D7B85 }
```

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

```
.background{ background-color:#4D7B85 }
```

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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