

Converting Colors

Hex(116A7C)

Have a look what the booklet for
Hex(116A7C) contains.

Hex(116A7C)	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(116A7C)

Conversions

Conversions Part 1

Format	Color
Hex	116A7C
RGB	17, 106, 124
RGB Percent	7%, 42%, 49%
CMY	0.9333, 0.5843, 0.5137
CMYK	0.86, 0.15, 0.00, 0.51
HSL	190°, 76%, 28%
HSV	190°, 86%, 49%
XYZ	9.0233, 11.8825, 20.8868
YIQ	81.4410, -58.8220, -13.2700

Conversions

Conversions Part 2

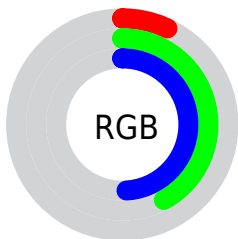
Format	Color
RYB	17, 66, 124
Decimal	1141372
CIELab	41.03, -17.72, -17.02
CIELCh	41, 24.570, 223.845
Yxy	11.8825, 0.2159, 0.2843
Android (android.graphics.Color)	4279331452 (0xFF116A7C)
YUV	81.4410, 20.9816, -56.5148
Hunter-Lab	34.4710, -13.5991, -11.7955

Details

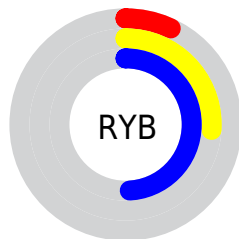
The Hex color **116A7C** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **7C2311**, and the grayscale version is **515151**.

A 20% lighter version of the original color is **539DB1**, and **003A4B** is the 20% darker color. If you saturate the color by 10%, you get **05687C**, and if you desaturate by 10%, it is **1D6C7C**.

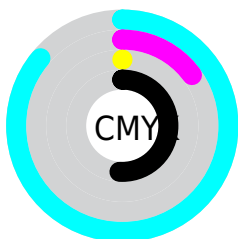
Distribution



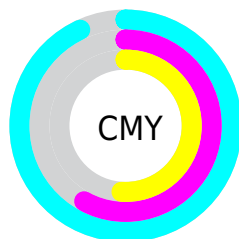
- Red (7%)
- Green (42%)
- Blue (49%)



- Red (7%)
- Yellow (26%)
- Blue (49%)



- Cyan (86%)
- Magenta (15%)
- Yellow (0%)
- Black (51%)





- Cyan (93%)
- Magenta (58%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Hex color 116A7C 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 116A7C by changing the saturation by 10% instead.

 116A7C

 116A7C

FFFFFF

 005263

 539DB1

 003A4B

 6FB8CC

 002534

 8BD4E8

 000920


 A7F1FF


 000004

 C4FFFF

 000000

 E1FFFF

 116A7C

 116A7C

 05687C

 1D6C7C

■ 00677C

■ 2A6E7C

■ 36707C

■ 43727C

■ 4F747C

■ 5B777C

■ 68797C

■ 747B7C

■ 817D7C

Harmonies

Analogous

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



196C6A



116A7C



316687

Triad

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



116A7C



81526C



656339

Complementary

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



116A7C



7C2311

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.



785C3A



116A7C



885158

Square

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



116A7C



6F587E



845546



4E6843

Rectangle

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



116A7C



486289



845546



6C6038

Sweetspot

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



116A7C



779AA1



117C23



384D52



D1D1D1



525252

Same Dimension

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



116A7C



0086A1



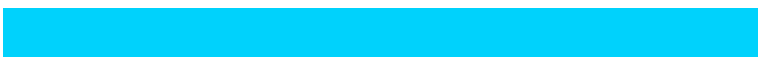
11357C



373C3D



00687D



00D2FC

Inverse Universe

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



7C116A



A10086



7C5811



3D373C



7D0068



FC00D2

Previews

White Background



This preview shows how the Hex color 116A7C looks on a white background.

Color Contrast Check

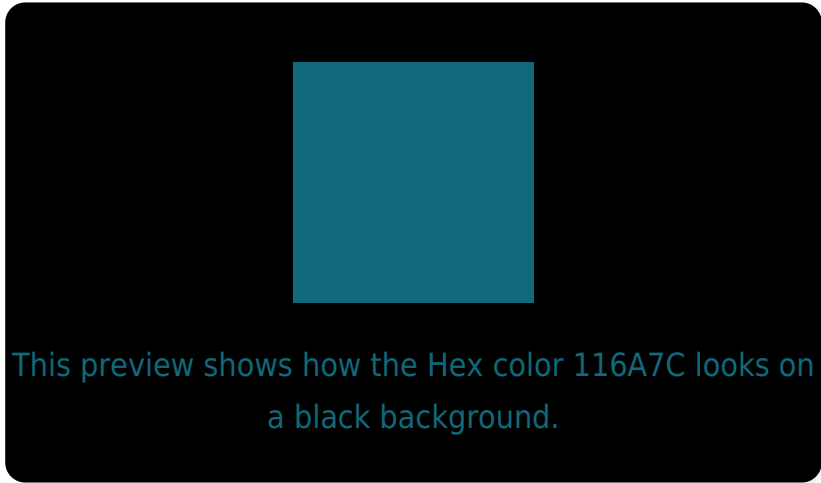
Large Text (above 18pt) WCAG AA ✓ Pass

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

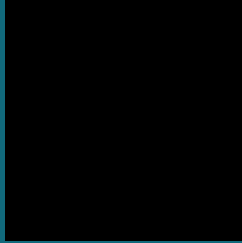
Any Text WCAG AA × Fail

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 116A7C Background



This preview shows how black text looks on a background with the Hex color 116A7C.



This preview shows how white text looks on a background with the Hex color 116A7C.

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](#).

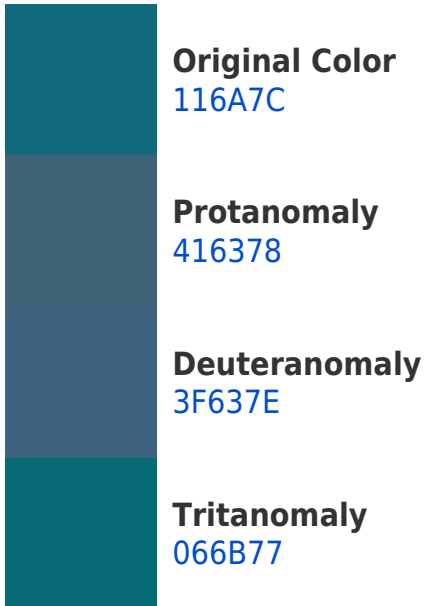
Dichromacy



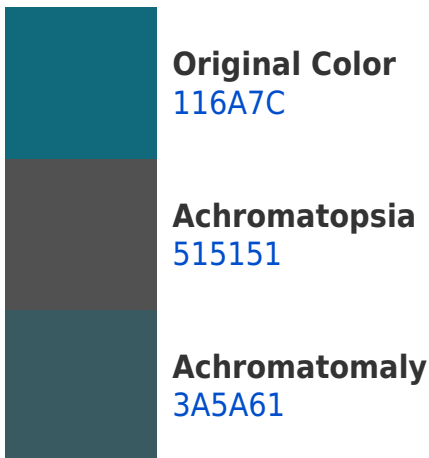


Tritanopia
006B74

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 116A7C 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 #116A7C looks like.

```
.text, #text, p{  
    color:#116A7C  
}
```

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 #116A7C colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116A7C
}
```

Border

The CSS property to change the border of an element to Hex 116A7C 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
#116A7C }
```

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

```
.border{ border-color:#116A7C }
```

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

Here you see how a box with a 4 pixel #116A7C colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116A7C; -webkit-box-shadow:4px 4px  
4px 4px #116A7C; box-shadow:4px 4px 4px  
4px #116A7C }
```

Background

The CSS property to change the background color of an element to Hex 116A7C is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116A7C }
```

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

```
.background{ background-color:#116A7C }
```

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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