

Converting Colors

Hex(116A6A)

Have a look what the booklet for
Hex(116A6A) contains.

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Color

Hex(116A6A)

Conversions

Conversions Part 1

Format	Color
Hex	116A6A
RGB	17, 106, 106
RGB Percent	7%, 42%, 42%
CMY	0.9333, 0.5843, 0.5843
CMYK	0.84, 0.00, 0.00, 0.58
HSL	180°, 72%, 24%
HSV	180°, 84%, 42%
XYZ	7.9867, 11.4678, 15.4282
YIQ	79.3890, -53.0440, -18.8680

Conversions

Conversions Part 2

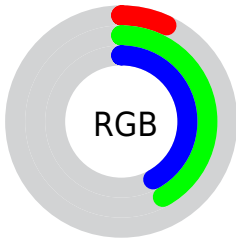
Format	Color
RYB	17, 62, 106
Decimal	1141354
CIELab	40.36, -23.92, -7.10
CIElCh	40, 24.950, 196.531
Yxy	11.4678, 0.2290, 0.3288
Android (android.graphics.Color)	4279331434 (0xFF116A6A)
YUV	79.3890, 13.1192, -54.7152
Hunter-Lab	33.8642, -17.1640, -3.3071

Details

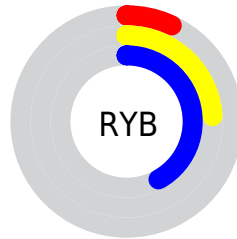
The Hex color **116A6A** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **6A1111**, and the grayscale version is **4F4F4F**.

A 20% lighter version of the original color is **509E9D**, and **003A3B** is the 20% darker color. If you saturate the color by 10%, you get **066A6A**, and if you desaturate by 10%, it is **1C6A6A**.

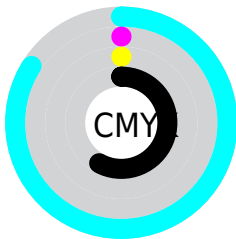
Distribution



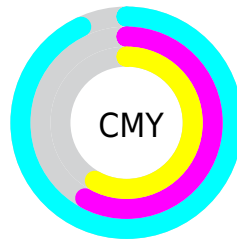
- Red (7%)
- Green (42%)
- Blue (42%)



- Red (7%)
- Yellow (24%)
- Blue (42%)



- Cyan (84%)
- Magenta (0%)
- Yellow (0%)
- Black (58%)



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

Brightness & Saturation Gradients

These gradients show how the Hex color 116A6A 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 116A6A by changing the saturation by 10% instead.

■ 116A6A

■ 116A6A

FFFFFF

■ 005252

■ 509E9D

■ 003A3B

■ 6CB9B8

■ 002425

■ 87D5D4

■ 000311

■ A3F1F0

■ 000000

■ C0FFFF

■ D0FFFF

■ FAFFFF

■ 116A6A

■ 116A6A

066A6A

1C6A6A

006A6A

266A6A

316A6A

3B6A6A

466A6A

516A6A

5B6A6A

666A6A

706A6A

Harmonies

Analogous

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



306955



116A6A



0B687C

Triad

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



116A6A



70567B



755B37

Complementary

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



116A6A



6A1111

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.



825442



116A6A



815069

Square

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



116A6A



545D86



875055



616137

Rectangle

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



116A6A



246684



875055



7A583A

Sweetspot

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



116A6A



678A8A



116A11



304545



C4C4C4



454545

Same Dimension

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



116A6A



008A8A



113E6A



303636



007575



00F5F5

Inverse Universe

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



6A116A



8A008A



6A3E11



363036



750075



F500F5

Previews

White Background



This preview shows how the Hex color 116A6A looks on a white background.

Color Contrast Check

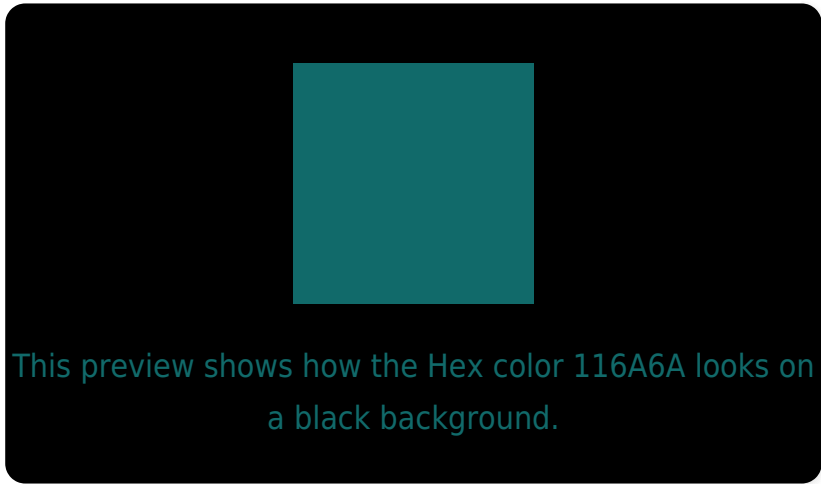
Large Text (above 18pt) WCAG AA ✓ Pass

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

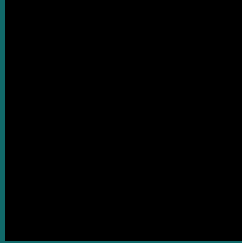
Any Text WCAG AA × Fail

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 116A6A Background



This preview shows how black text looks on a background with the Hex color 116A6A.

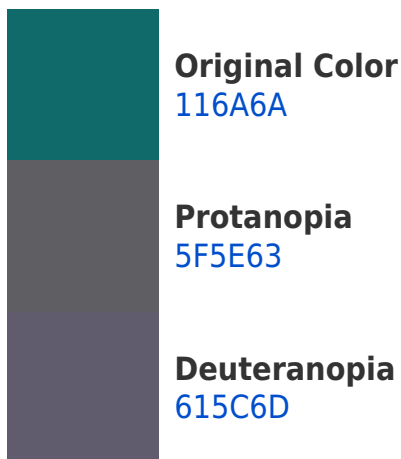


This preview shows how white text looks on a background with the Hex color 116A6A.

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](#).

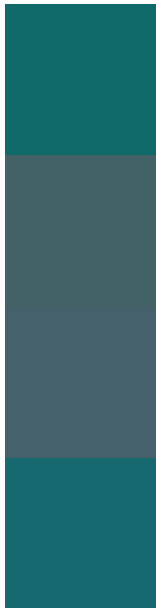
Dichromacy





Tritanopia
196971

Trichromacy



Original Color
116A6A

Protanomaly
436266

Deuteranomaly
44616C

Tritanomaly
16696E

Monochromacy



Original Color
116A6A

Achromatopsia
4F4F4F

Achromatomaly
385959

CSS Examples

Text

The CSS property to change the color of the text to Hex 116A6A 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 #116A6A looks like.

```
.text, #text, p{  
    color:#116A6A  
}
```

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 #116A6A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116A6A
}
```

Border

The CSS property to change the border of an element to Hex 116A6A 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
#116A6A }
```

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

```
.border{ border-color:#116A6A }
```

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

Here you see how a box with a 4 pixel #116A6A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116A6A; -webkit-box-shadow:4px 4px  
4px 4px #116A6A; box-shadow:4px 4px 4px  
4px #116A6A }
```

Background

The CSS property to change the background color of an element to Hex 116A6A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116A6A }
```

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

```
.background{ background-color:#116A6A }
```

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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