

# Converting Colors

Hex(116A9B)

Have a look what the booklet for  
Hex(116A9B) contains.

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# Color

Hex(116A9B)

# Conversions

## Conversions Part 1

Format	Color
Hex	116A9B
RGB	17, 106, 155
RGB Percent	7%, 42%, 61%
CMY	0.9333, 0.5843, 0.3922
CMYK	0.89, 0.32, 0.00, 0.39
HSL	201°, 80%, 34%
HSV	201°, 89%, 61%
XYZ	11.3016, 12.7938, 32.8841
YIQ	84.9750, -68.7730, -3.6290

# Conversions

## Conversions Part 2

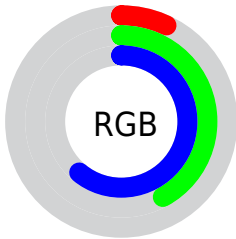
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 71, 155
Decimal	1141403
CIELab	42.45, -6.07, -33.41
CIELCh	42, 33.956, 259.695
Yxy	12.7938, 0.1983, 0.2245
Android (android.graphics.Color)	4279331483 (0xFF116A9B)
YUV	84.9750, 34.5223, -59.6141
Hunter-Lab	35.7684, -6.1948, -29.4711

# Details

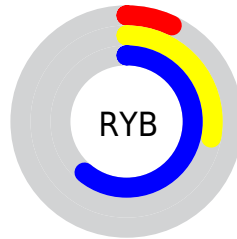
The Hex color **116A9B** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9B4211**, and the grayscale version is **555555**.

A 20% lighter version of the original color is **5A9DD2**, and **003B67** is the 20% darker color. If you saturate the color by 10%, you get **01649B**, and if you desaturate by 10%, it is **21709B**.

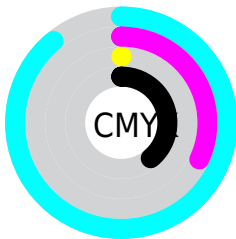
# Distribution



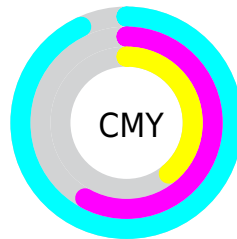
- Red (7%)
- Green (42%)
- Blue (61%)



- Red (7%)
- Yellow (28%)
- Blue (61%)



- Cyan (89%)
- Magenta (32%)
- Yellow (0%)
- Black (39%)



- Cyan (93%)
- Magenta (58%)
- Yellow (39%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 116A9B 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 116A9B by changing the saturation by 10% instead.



■ 116A9B

■ 116A9B

FFFFFF

■ 005281

■ 5A9DD2

■ 003B67

■ 77B8EE

■ 00264F

■ 94D4FF

■ 001138

■ B1F0FF

■ 000222

■ CEFFFF

■ 000008

■ ECFFFF

■ 000000

■ 116A9B

■ 116A9B

■ 01649B

■ 21709B

00649B

30759B

3F7B9B

4F809B

5E869B

6E8B9B

7E919B

8D969B

9D9C9B

# Harmonies

## Analogous

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



00708E



116A9B



576199

# Triad

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



116A9B



994E53



426F3F

# Complementary

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



116A9B



9B4211

# 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.



63682D



116A9B



91553A

# Square

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



116A9B



934E6F



7D5F2C



097259

# Rectangle

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



116A9B



72598F



7D5F2C



4E6D38



# Sweetspot

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



116A9B



93B6C9



119B41



455A66



E6E6E6



666666



# Same Dimension

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



116A9B



0082C9



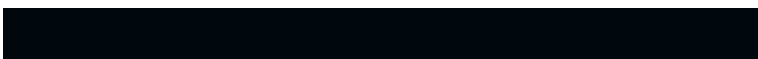
11269B



454A4D



005A8C



00080D



# Inverse Universe

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



9B116A



C90082



9B8611



4D454A



8C005A



0D0008



# Previews

## White Background



This preview shows how the Hex color 116A9B looks on a white background.

### Color Contrast Check

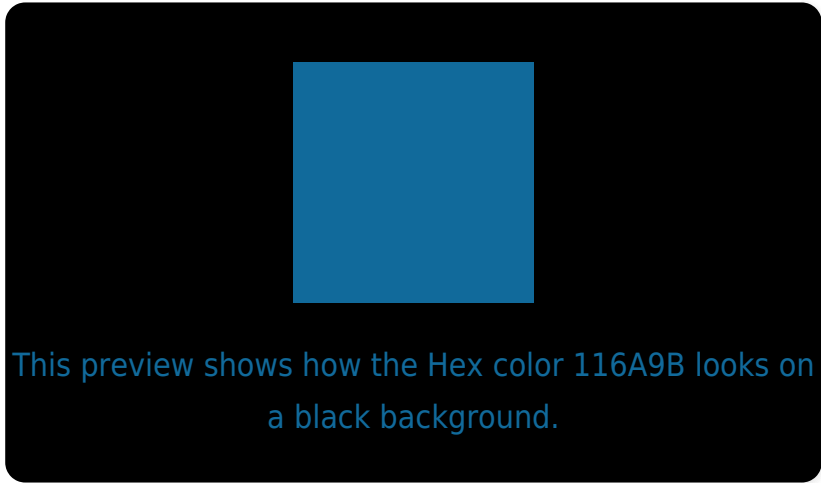
Large Text (above 18pt) WCAG AA ✓ Pass

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

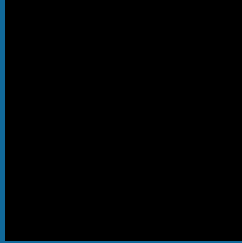
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 116A9B Background



This preview shows how black text looks on a background with the Hex color 116A9B.



This preview shows how white text looks on a background with the Hex color 116A9B.

# 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](#).

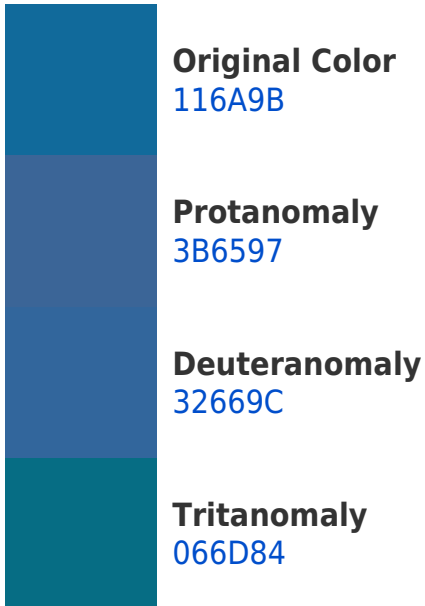
## Dichromacy



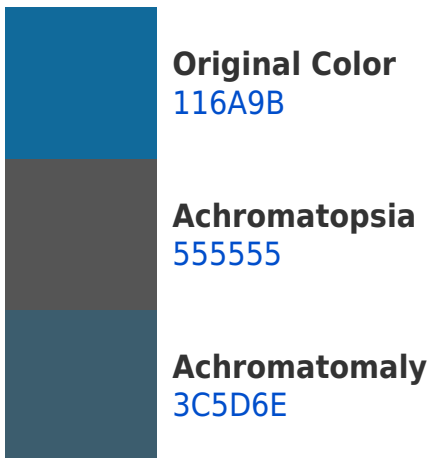


**Tritanopia**  
006F77

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 116A9B 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 #116A9B looks like.

```
.text, #text, p{  
    color:#116A9B  
}
```

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 #116A9B colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116A9B
}
```

## Border

The CSS property to change the border of an element to Hex 116A9B 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
#116A9B }
```

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

```
.border{ border-color:#116A9B }
```

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

Here you see how a box with a 4 pixel #116A9B colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116A9B; -webkit-box-shadow:4px 4px  
4px 4px #116A9B; box-shadow:4px 4px 4px  
4px #116A9B }
```

# Background

The CSS property to change the background color of an element to Hex 116A9B is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116A9B }
```

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

```
.background{ background-color:#116A9B }
```

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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