

# Converting Colors

Hex(116977)

Have a look what the booklet for  
Hex(116977) contains.

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# Color

**Hex(116977)**

# Conversions

## Conversions Part 1

Format	Color
Hex	116977
RGB	17, 105, 119
RGB Percent	7%, 41%, 47%
CMY	0.9333, 0.5882, 0.5333
CMYK	0.86, 0.12, 0.00, 0.53
HSL	188°, 75%, 27%
HSV	188°, 86%, 47%
XYZ	8.6125, 11.5542, 19.2290
YIQ	80.2840, -56.9420, -14.3020

# Conversions

## Conversions Part 2

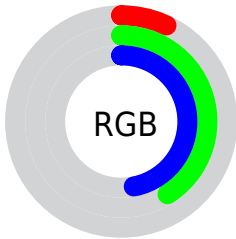
<b>Format</b>	<b>Color</b>
<b>RYB</b>	17, 64, 119
Decimal	1141111
CIELab	40.50, -18.95, -14.80
CIELCh	40, 24.044, 217.985
Yxy	11.5542, 0.2186, 0.2933
Android (android.graphics.Color)	4279331191 (0xFF116977)
YUV	80.2840, 19.0870, -55.5001
Hunter-Lab	33.9915, -14.2582, -9.7463

# Details

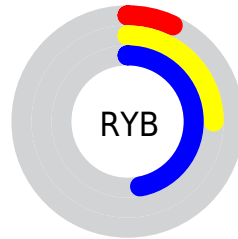
The Hex color **116977** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **771F11**, and the grayscale version is **505050**.

A 20% lighter version of the original color is **529CAB**, and **003947** is the 20% darker color. If you saturate the color by 10%, you get **056777**, and if you desaturate by 10%, it is **1D6B77**.

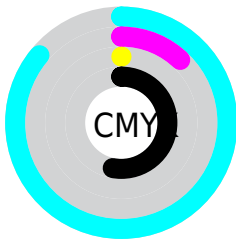
# Distribution



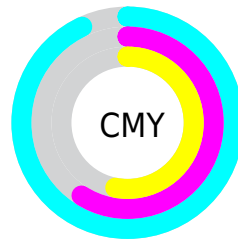
- Red (7%)
- Green (41%)
- Blue (47%)



- Red (7%)
- Yellow (25%)
- Blue (47%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (53%)




- Cyan (93%)
- Magenta (59%)
- Yellow (53%)


# Brightness & Saturation Gradients

These gradients show how the Hex color 116977 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 116977 by changing the saturation by 10% instead.



 116977

 116977

FFFFFF

 00515E

 529CAB

 003947

 6EB7C7

 002430

 8AD3E3

 00051C


 A6F0FF

 000000

 C2FFFF

 DFFFFFF

 FFFFFFF

 116977

 116977

■ 056777

■ 1D6B77

■ 006777

■ 296C77

■ 356E77

■ 417077

■ 4C7177

■ 587377

■ 647477

■ 707677

■ 7C7877

# Harmonies

## Analogous

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



206A64



116977



2B6583

# Triad

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



116977



7D526F



676038

# Complementary

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



116977



771F11

# 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.



79593B



116977



86505B

# Square

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



116977



69587E



845348



526540

# Rectangle

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



116977



416286



845348



6E5E38



# Sweetspot

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



116977



73969C



11771F



374C4F



CFCFCF



4F4F4F



# Same Dimension

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



116977



00869C



113677



353A3B



006A7A



00D8FA



# Inverse Universe

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



771169



9C0086



775211



3B353A



7A006A



FA00D8



# Previews

## White Background



This preview shows how the Hex color 116977 looks on a white background.

## Color Contrast Check

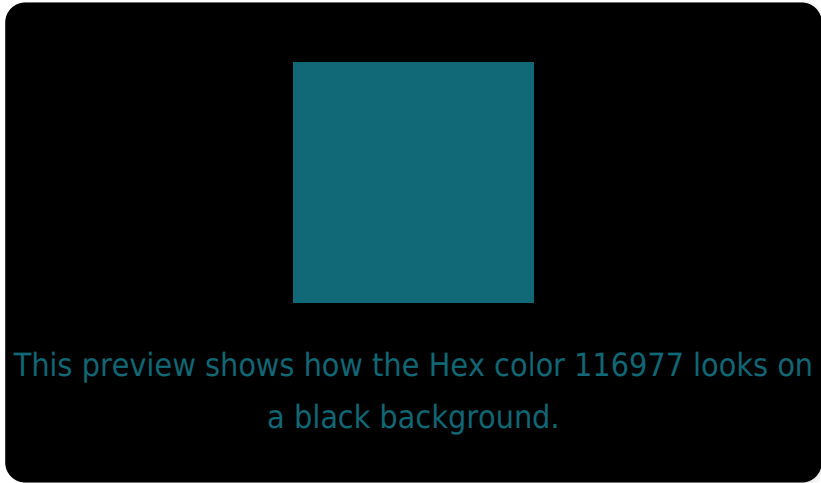
Large Text (above 18pt) WCAG AA ✓ Pass

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

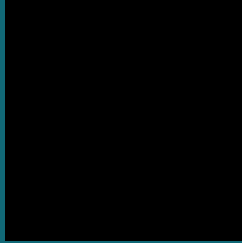
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 116977 Background



This preview shows how black text looks on a background with the Hex color 116977.

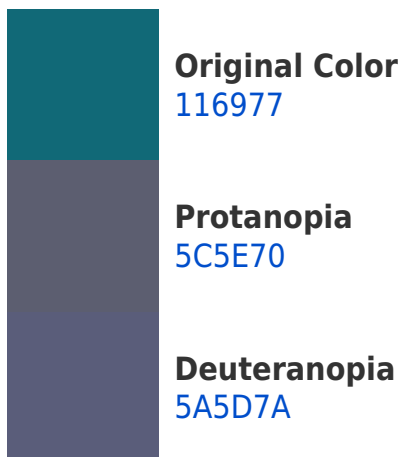


This preview shows how white text looks on a background with the Hex color 116977.

# 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](#).

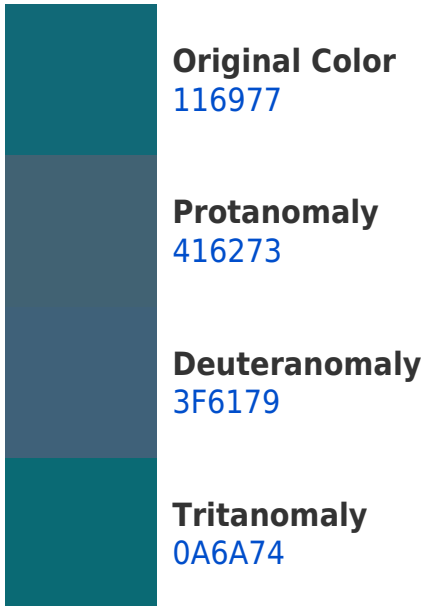
## Dichromacy



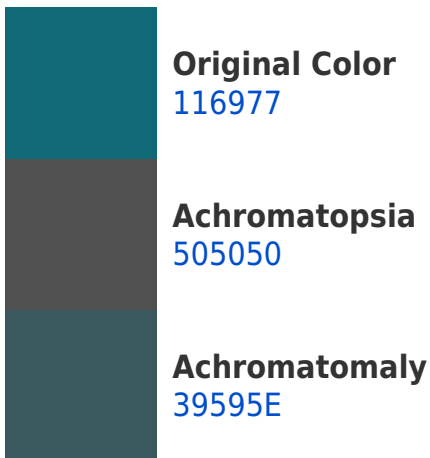


**Tritanopia**  
066A72

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 116977 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 #116977 looks like.

```
.text, #text, p{  
    color:#116977  
}
```

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 #116977 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #116977  
}
```

## Border

The CSS property to change the border of an element to Hex 116977 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  
#116977 }
```

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

```
.border{ border-color:#116977 }
```

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

Here you see how a box with a 4 pixel #116977 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #116977; -webkit-box-shadow:4px 4px  
4px 4px #116977; box-shadow:4px 4px 4px  
4px #116977 }
```

# Background

The CSS property to change the background color of an element to Hex 116977 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#116977 }
```

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

```
.background{ background-color:#116977 }
```

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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