

# Converting Colors

Hex(127A9E)

Have a look what the booklet for  
Hex(127A9E) contains.

<b>Hex(127A9E)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(127A9E)

# Conversions

## Conversions Part 1

Format	Color
Hex	127A9E
RGB	18, 122, 158
RGB Percent	7%, 48%, 62%
CMY	0.9294, 0.5216, 0.3804
CMYK	0.89, 0.23, 0.00, 0.38
HSL	195°, 80%, 35%
HSV	195°, 89%, 62%
XYZ	13.3805, 16.5163, 34.8305
YIQ	95.0080, -73.5400, -10.8520

# Conversions

## Conversions Part 2

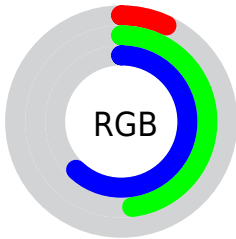
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	18, 78, 158
Decimal	1211038
CIE <sub>Lab</sub>	47.64, -14.23, -27.05
CIE <sub>LCh</sub>	48, 30.563, 242.260
Yxy	16.5163, 0.2067, 0.2552
Android (android.graphics.Color)	4279401118 (0xFF127A9E)
YUV	95.0080, 31.0551, -67.5360
Hunter-Lab	40.6402, -12.3504, -22.3660

# Details

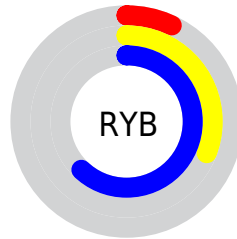
The Hex color **127A9E** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **9E3612**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5CAED5**, and **00496A** is the 20% darker color. If you saturate the color by 10%, you get **02769E**, and if you desaturate by 10%, it is **227E9E**.

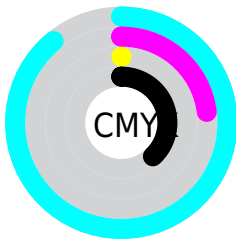
# Distribution



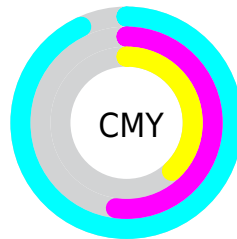
- Red (7%)
- Green (48%)
- Blue (62%)



- Red (7%)
- Yellow (31%)
- Blue (62%)



- Cyan (89%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (93%)
- Magenta (52%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 127A9E 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 127A9E by changing the saturation by 10% instead.



127A9E

127A9E

FFFFFF

006184

5CAED5

00496A

79CAF1

003352

96E6FF

001E3B

B3FFFF

000225

D1FFFF

00010E

EFFFFFF

000000

127A9E

127A9E

02769E

227E9E

00759E

32829E

41869E

518A9E

618E9E

71929E

81969E

909B9E

A09F9E

# Harmonies

## Analogous

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



007E8C



127A9E



4D73A4

# Triad

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



127A9E



A15D70



657844

# Complementary

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



127A9E



9E3612

# 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.



80703D



127A9E



A15F57

# Square

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



127A9E



936189



956744



457D58

# Rectangle

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



127A9E



6A6DA1



956744



6E7540



# Sweetspot

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



127A9E



97C0CF



129E35



476069



E8E8E8



696969



# Same Dimension

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



127A9E



0099CF



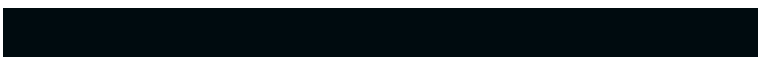
12359E



474D4F



006A8F



000B0F



# Inverse Universe

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



9E127A



CF0099



9E7B12



4F474D



8F006A



0F000B



# Previews

## White Background



This preview shows how the Hex color 127A9E looks on a white background.

## Color Contrast Check

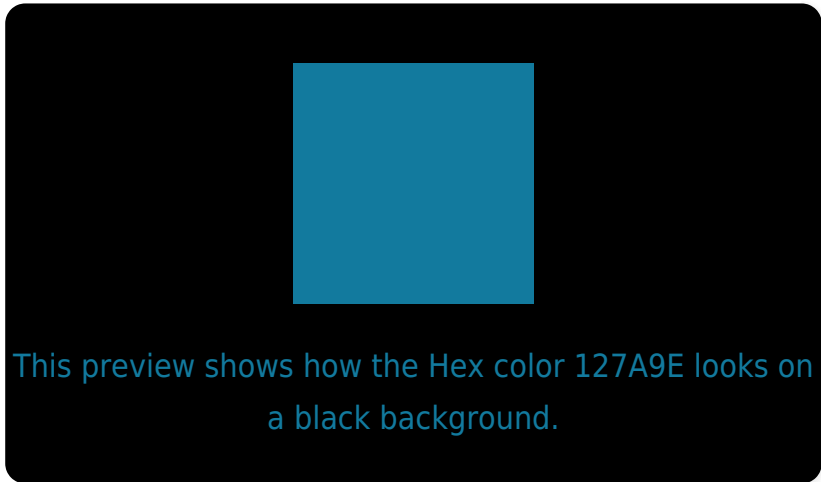
Large Text (above 18pt) WCAG AA ✓ Pass

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

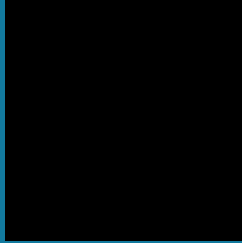
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 127A9E Background



This preview shows how black text looks on a background with the Hex color 127A9E.



This preview shows how white text looks on a background with the Hex color 127A9E.

# 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](#).

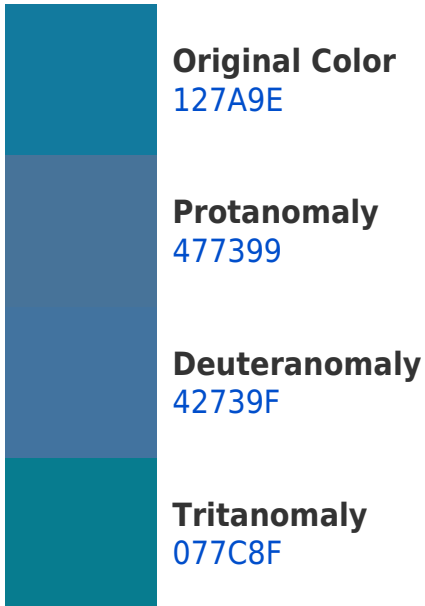
## Dichromacy





**Tritanopia**  
007D87

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 127A9E 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 #127A9E looks like.

```
.text, #text, p{  
    color:#127A9E  
}
```

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 #127A9E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #127A9E
}
```

## Border

The CSS property to change the border of an element to Hex 127A9E 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
#127A9E }
```

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

```
.border{ border-color:#127A9E }
```

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

Here you see how a box with a 4 pixel #127A9E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #127A9E; -webkit-box-shadow:4px 4px  
4px 4px #127A9E; box-shadow:4px 4px 4px  
4px #127A9E }
```

# Background

The CSS property to change the background color of an element to Hex 127A9E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#127A9E }
```

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

```
.background{ background-color:#127A9E }
```

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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