

# Converting Colors

Hex(147E90)

Have a look what the booklet for  
Hex(147E90) contains.

<b>Hex(147E90)</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(147E90)**

# Conversions

## Conversions Part 1

Format	Color
Hex	147E90
RGB	20, 126, 144
RGB Percent	8%, 49%, 56%
CMY	0.9216, 0.5059, 0.4353
CMYK	0.86, 0.12, 0.00, 0.44
HSL	189°, 76%, 32%
HSV	189°, 86%, 56%
XYZ	12.7834, 17.0840, 29.0094
YIQ	96.3580, -68.9540, -16.8740

# Conversions

## Conversions Part 2

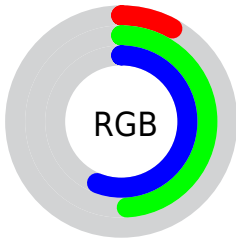
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 77, 144
Decimal	1343120
CIELab	48.37, -21.26, -17.72
CIElCh	48, 27.677, 219.805
Yxy	17.0840, 0.2171, 0.2902
Android (android.graphics.Color)	4279533200 (0xFF147E90)
YUV	96.3580, 23.4875, -66.9660
Hunter-Lab	41.3329, -17.1262, -12.6795

# Details

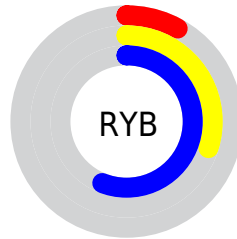
The Hex color **147E90** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **902614**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5AB3C6**, and **004D5E** is the 20% darker color. If you saturate the color by 10%, you get **067C90**, and if you desaturate by 10%, it is **228090**.

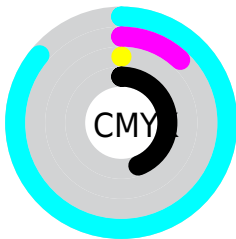
# Distribution



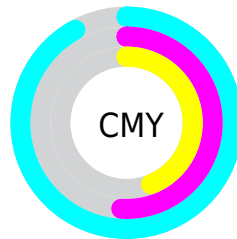
- Red (8%)
- Green (49%)
- Blue (56%)



- Red (8%)
- Yellow (30%)
- Blue (56%)



- Cyan (86%)
- Magenta (12%)
- Yellow (0%)
- Black (44%)



- Cyan (92%)
- Magenta (51%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 147E90 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 147E90 by changing the saturation by 10% instead.



■ 147E90

■ 147E90

FFFFFF

■ 006576

■ 5AB3C6

■ 004D5E

■ 77CFE2

■ 003646

■ 94EBFF

■ 00212F

■ B1FFFF

■ 00011B

■ CEFFFF

■ 000000

■ ECFFFF

■ 147E90

■ 147E90

■ 067C90

■ 228090

007B90

318290

3F8490

4E8690

5C8890

6A8B90

798D90

878F90

969190

# Harmonies

## Analogous

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



257F7A



147E90



367A9E

# Triad

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



147E90



966384



7B7444

# Complementary

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



147E90



902614

# 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.



906C47



147E90



A0616C

# Square

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



147E90



806A97



9D6456



617A4E

# Rectangle

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



147E90



5175A1



9D6456



827144



# Sweetspot

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



147E90



8AB3BA



149025



415A5E



DEDEDE



5E5E5E



# Same Dimension

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



147E90



009FBA



144190



404647



007487



000708



# Inverse Universe

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



90147E



BA009F



906314



474046



870074



080007



# Previews

## White Background



This preview shows how the Hex color 147E90 looks on a white background.

## Color Contrast Check

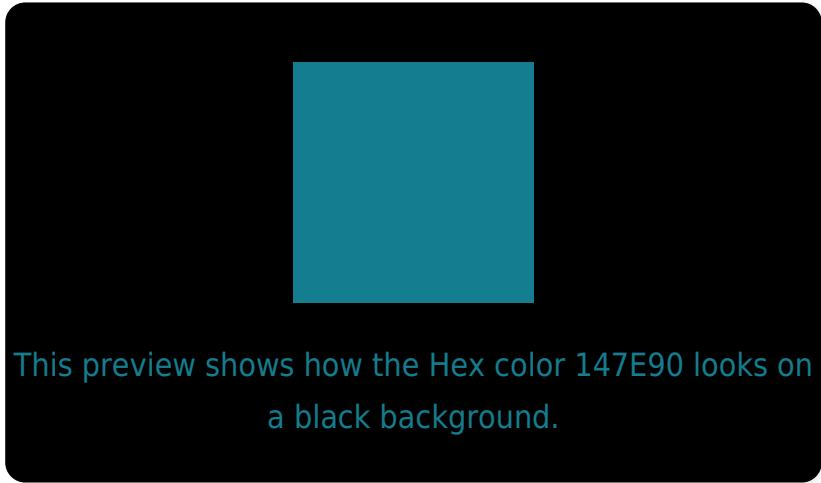
Large Text (above 18pt) WCAG AA ✓ Pass

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

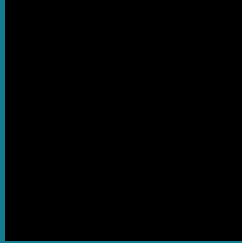
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 147E90 Background



This preview shows how black text looks on a background with the Hex color 147E90.

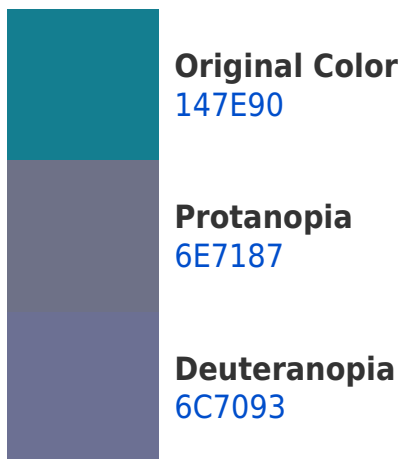


This preview shows how white text looks on a background with the Hex color 147E90.

# 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](#).

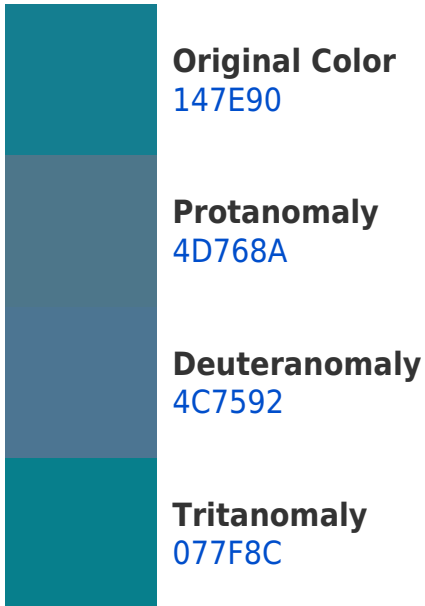
## Dichromacy





**Tritanopia**  
007F89

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 147E90 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 #147E90 looks like.

```
.text, #text, p{  
    color:#147E90  
}
```

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 #147E90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #147E90
}
```

## Border

The CSS property to change the border of an element to Hex 147E90 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
#147E90 }
```

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

```
.border{ border-color:#147E90 }
```

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

Here you see how a box with a 4 pixel #147E90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #147E90; -webkit-box-shadow:4px 4px  
4px 4px #147E90; box-shadow:4px 4px 4px  
4px #147E90 }
```

# Background

The CSS property to change the background color of an element to Hex 147E90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#147E90 }
```

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

```
.background{ background-color:#147E90 }
```

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](#).



# Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor