

# Converting Colors

Hex(1E7991)

Have a look what the booklet for  
Hex(1E7991) contains.

<b>Hex(1E7991)</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(1E7991)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1E7991
RGB	30, 121, 145
RGB Percent	12%, 47%, 57%
CMY	0.8824, 0.5255, 0.4314
CMYK	0.79, 0.17, 0.00, 0.43
HSL	193°, 66%, 34%
HSV	193°, 79%, 57%
XYZ	12.4836, 15.9951, 29.2175
YIQ	96.5270, -61.9400, -11.8280

# Conversions

## Conversions Part 2

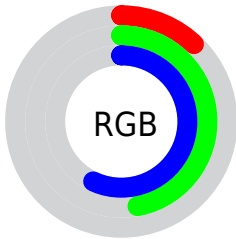
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	30, 81, 145
Decimal	1997201
CIE <sub>Lab</sub>	46.97, -17.26, -20.43
CIE <sub>LCh</sub>	47, 26.746, 229.821
Yxy	15.9951, 0.2164, 0.2772
Android (android.graphics.Color)	4280187281 (0xFF1E7991)
YUV	96.5270, 23.8972, -58.3442
Hunter-Lab	39.9939, -14.2726, -15.3185

# Details

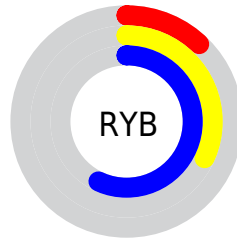
The Hex color **1E7991** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **91361E**, and the grayscale version is **606060**.

A 20% lighter version of the original color is **5EADC7**, and **00485E** is the 20% darker color. If you saturate the color by 10%, you get **107691**, and if you desaturate by 10%, it is **2D7C91**.

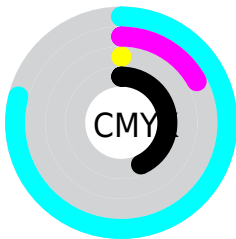
# Distribution



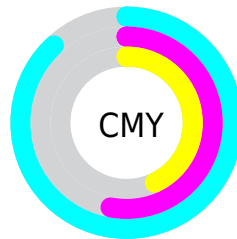
- Red (12%)
- Green (47%)
- Blue (57%)



- Red (12%)
- Yellow (32%)
- Blue (57%)



- Cyan (79%)
- Magenta (17%)
- Yellow (0%)
- Black (43%)



- Cyan (88%)
- Magenta (53%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1E7991 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 1E7991 by changing the saturation by 10% instead.



■ 1E7991

■ 1E7991

FFFFFF

■ 006077

■ 5EADC7

■ 00485E

■ 7BC9E3

■ 003247

■ 97E5FF

■ 001E30

■ B4FFFF

■ 00011B

■ D1FFFF

■ 000000

■ EFFFFFF

■ 1E7991

■ 1E7991

■ 107691

■ 2D7C91

017391

3B7F91

007391

4A8291

588591

678891

758B91

848E91

929191

A19491

# Harmonies

## Analogous

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



1C7B7E



1E7991



42749B

# Triad

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



1E7991



965F78



6F7344

# Complementary

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



1E7991



91361E

# 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.



856B43



1E7991



9B5F61

# Square

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



1E7991



84648D



95644E



567852

# Rectangle

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



1E7991



5B6F9B



95644E



777043



# Sweetspot

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



1E7991



8FB3BD



1E9135



43595E



DEDEDE



5E5E5E



# Same Dimension

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



1E7991



0997BD



1E4191



404647



006B87



000608



# Inverse Universe

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



911E79



BD0997



916F1E



474046



87006B



080006



# Previews

## White Background



This preview shows how the Hex color 1E7991 looks on a white background.

## Color Contrast Check

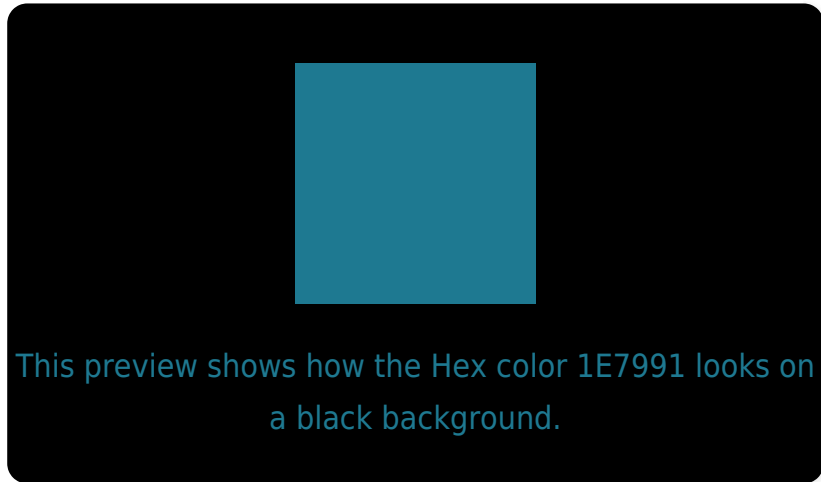
Large Text (above 18pt) WCAG AA ✓ Pass

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

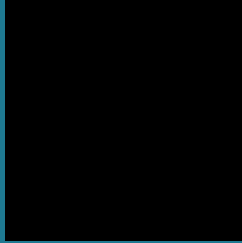
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1E7991 Background



This preview shows how black text looks on a background with the Hex color 1E7991.

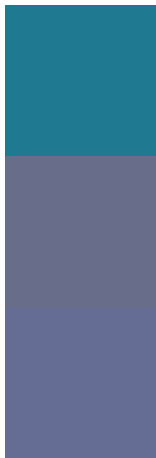


This preview shows how white text looks on a background with the Hex color 1E7991.

# 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



**Original Color**  
1E7991

**Protanopia**  
686E89

**Deuteranopia**  
656D94



**Tritanopia**  
0E7B85

# Trichromacy



**Original Color**  
1E7991

**Protanomaly**  
4D728C

**Deuteranomaly**  
4B7193

**Tritanomaly**  
147A89

# Monochromacy



**Original Color**  
1E7991

**Achromatopsia**  
616161

**Achromatomaly**  
496A72

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1E7991 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 #1E7991 looks like.

```
.text, #text, p{  
    color:#1E7991  
}
```

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 #1E7991 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1E7991
}
```

## Border

The CSS property to change the border of an element to Hex 1E7991 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
#1E7991 }
```

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

```
.border{ border-color:#1E7991 }
```

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

Here you see how a box with a 4 pixel #1E7991 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1E7991; -webkit-box-shadow:4px 4px  
4px 4px #1E7991; box-shadow:4px 4px 4px  
4px #1E7991 }
```

# Background

The CSS property to change the background color of an element to Hex 1E7991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1E7991 }
```

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

```
.background{ background-color:#1E7991 }
```

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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