

# Converting Colors

Hex(1F7990)

Have a look what the booklet for  
Hex(1F7990) contains.

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# Color

**Hex(1F7990)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1F7990
RGB	31, 121, 144
RGB Percent	12%, 47%, 56%
CMY	0.8784, 0.5255, 0.4353
CMYK	0.78, 0.16, 0.00, 0.44
HSL	192°, 65%, 34%
HSV	192°, 78%, 56%
XYZ	12.4365, 15.9797, 28.8145
YIQ	96.7120, -61.0230, -11.9270

# Conversions

## Conversions Part 2

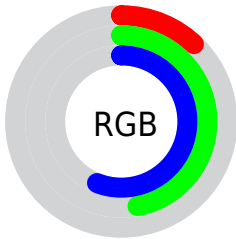
<b>Format</b>	<b>Color</b>
<b>RYB</b>	31, 81, 144
Decimal	2062736
CIELab	46.95, -17.49, -19.87
CIElCh	47, 26.473, 228.652
Yxy	15.9797, 0.2173, 0.2792
Android (android.graphics.Color)	4280252816 (0xFF1F7990)
YUV	96.7120, 23.3130, -57.6294
Hunter-Lab	39.9746, -14.4224, -14.7552

# Details

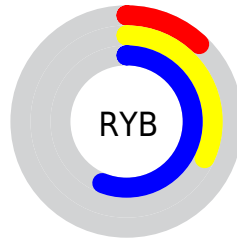
The Hex color **1F7990** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90361F**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5FAEC6**, and **00485E** is the 20% darker color. If you saturate the color by 10%, you get **117690**, and if you desaturate by 10%, it is **2D7C90**.

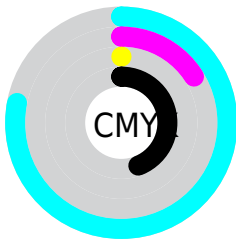
# Distribution



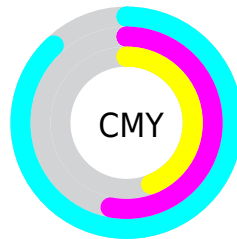
- Red (12%)
- Green (47%)
- Blue (56%)



- Red (12%)
- Yellow (32%)
- Blue (56%)



- Cyan (78%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (88%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1F7990 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 1F7990 by changing the saturation by 10% instead.



■ 1F7990

■ 1F7990

FFFFFF

■ 006076

■ 5FAEC6

■ 00485E

■ 7BC9E2

■ 003246

■ 98E5FF

■ 001E2F

■ B4FFFF

■ 00011B

■ D1FFFF

■ 000000

■ EFFFFFF

■ 1F7990

■ 1F7990

■ 117690

■ 2D7C90

027390

3C7F90

007390

4A8290

598590

678890

758B90

848E90

929090

A19390

# Harmonies

## Analogous

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



1F7B7D



1F7990



42749A

# Triad

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



1F7990



955F79



707245

# Complementary

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



1F7990



90361F

# 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.



866B44



1F7990



9B5F62

# Square

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



1F7990



83658D



95644F



577851

# Rectangle

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



1F7990



5A6F9B



95644F



787043



# Sweetspot

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



1F7990



8DB1BA



1F9036



43595E



DEDEDE



5E5E5E



# Same Dimension

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



1F7990



0B97BA



1F4190



404647



006C87



000608



# Inverse Universe

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



901F79



BA0B97



906E1F



474046



87006C



080006



# Previews

## White Background



This preview shows how the Hex color 1F7990 looks on a white background.

## Color Contrast Check

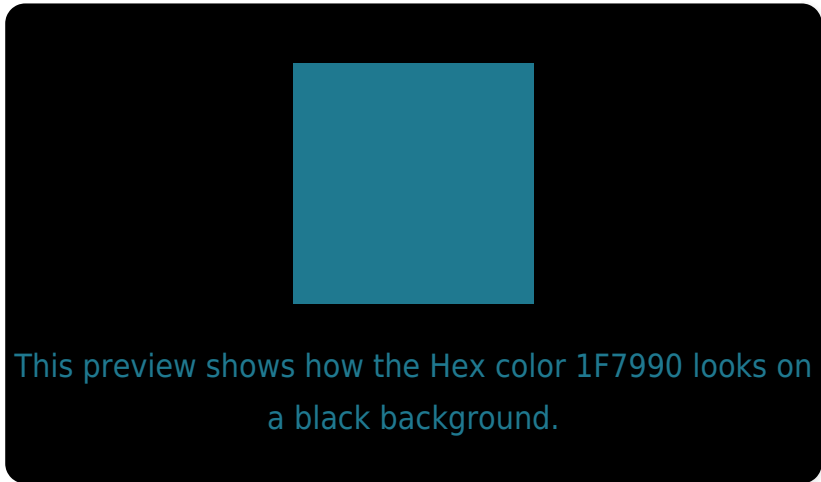
Large Text (above 18pt) WCAG AA ✓ Pass

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

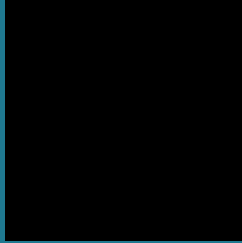
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1F7990 Background



This preview shows how black text looks on a background with the Hex color 1F7990.

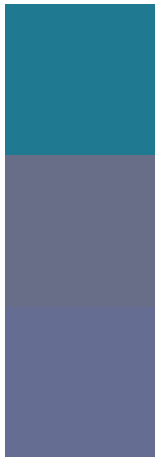


This preview shows how white text looks on a background with the Hex color 1F7990.

# 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**  
1F7990

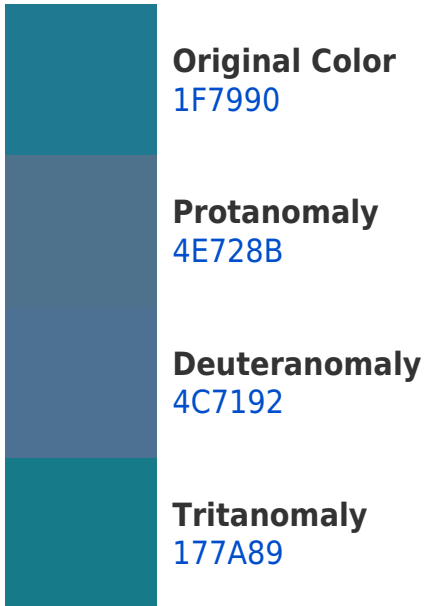
**Protanopia**  
696E88

**Deuteranopia**  
666D93



**Tritanopia**  
127B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1F7990 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 #1F7990 looks like.

```
.text, #text, p{  
    color:#1F7990  
}
```

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 #1F7990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1F7990
}
```

## Border

The CSS property to change the border of an element to Hex 1F7990 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
#1F7990 }
```

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

```
.border{ border-color:#1F7990 }
```

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

Here you see how a box with a 4 pixel #1F7990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1F7990; -webkit-box-shadow:4px 4px  
4px 4px #1F7990; box-shadow:4px 4px 4px  
4px #1F7990 }
```

# Background

The CSS property to change the background color of an element to Hex 1F7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1F7990 }
```

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

```
.background{ background-color:#1F7990 }
```

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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