

# Converting Colors

Hex(2D7990)

Have a look what the booklet for  
Hex(2D7990) contains.

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# Color

Hex(2D7990)

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2D7990
RGB	45, 121, 144
RGB Percent	18%, 47%, 56%
CMY	0.8235, 0.5255, 0.4353
CMYK	0.69, 0.16, 0.00, 0.44
HSL	194°, 52%, 37%
HSV	194°, 69%, 56%
XYZ	12.9536, 16.2462, 28.8387
YIQ	100.8980, -52.6790, -8.9590

# Conversions

## Conversions Part 2

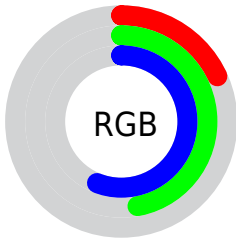
Format	Color
<b>RYB</b>	45, 88, 144
Decimal	2980240
CIELab	47.30, -15.52, -19.31
CIElCh	47, 24.773, 231.212
Yxy	16.2462, 0.2232, 0.2799
Android (android.graphics.Color)	4281170320 (0xFF2D7990)
YUV	100.8980, 21.2493, -49.0225
Hunter-Lab	40.3066, -13.1709, -14.2063

# Details

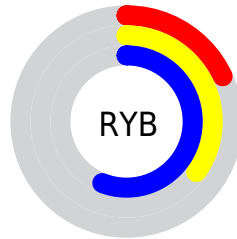
The Hex color **2D7990** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90442D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **67ADC6**, and **00485E** is the 20% darker color. If you saturate the color by 10%, you get **1F7690**, and if you desaturate by 10%, it is **3B7C90**.

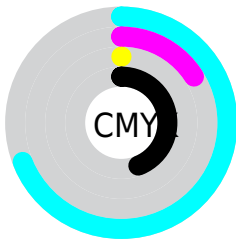
# Distribution



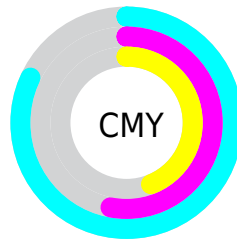
- Red (18%)
- Green (47%)
- Blue (56%)



- Red (18%)
- Yellow (35%)
- Blue (56%)



- Cyan (69%)
- Magenta (16%)
- Yellow (0%)
- Black (44%)



- Cyan (82%)
- Magenta (53%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D7990 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 2D7990 by changing the saturation by 10% instead.



■ 2D7990

■ 2D7990

FFFFFF

■ 006076

■ 67ADC6

■ 00485E

■ 83C9E2

■ 003246

■ 9FE5FF

■ 001D2F

■ BCFFFF

■ 00011B

■ D9FFFF

■ 000000

■ F6FFFF

■ 2D7990

■ 2D7990

■ 1F7690

■ 3B7C90

■ 107290

■ 4A8090

■ 026F90

■ 588390

■ 006F90

■ 678690

■ 758A90

■ 838D90

■ 929090

■ A09490

■ AF9790

# Harmonies

## Analogous

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



297B7E



2D7990



4A7499

# Triad

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



2D7990



956177



6F7349

# Complementary

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



2D7990



90442D

# 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.



846D47



2D7990



996162

# Square

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



2D7990



85668A



936651



577855

# Rectangle

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



2D7990



606F99



936651



777147



# Sweetspot

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



2D7990



93B1BA



2D9042



47595E



DEDEDE



5E5E5E



# Same Dimension

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



2D7990



2096BA



2D4990



404647



006887



000608



# Inverse Universe

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



902D79



BA2096



90742D



474046



870068



080006



# Previews

## White Background



This preview shows how the Hex color 2D7990 looks on a white background.

### Color Contrast Check

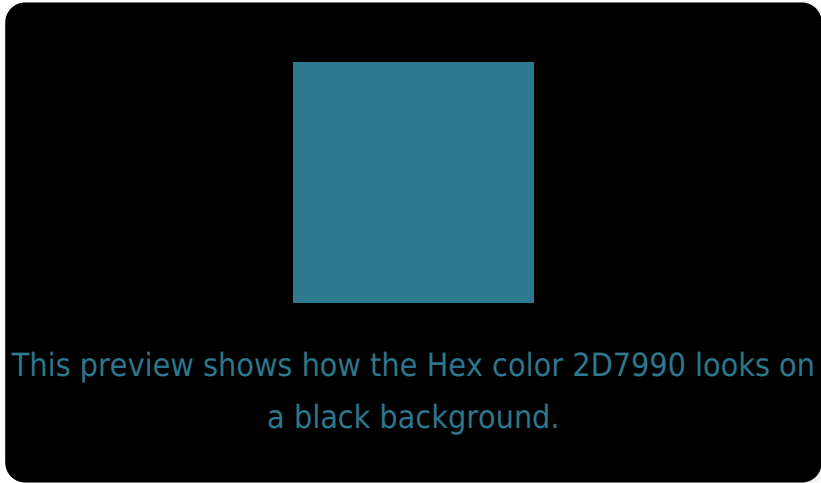
Large Text (above 18pt) WCAG AA ✓ Pass

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

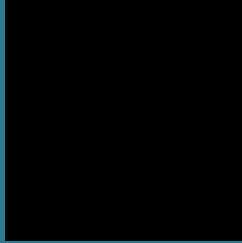
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 2D7990 Background



This preview shows how black text looks on a background with the Hex color 2D7990.

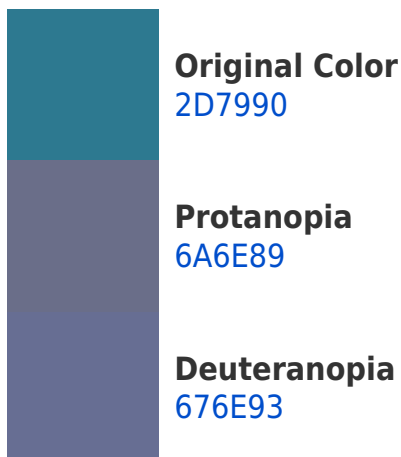


This preview shows how white text looks on a background with the Hex color 2D7990.

# 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](#).

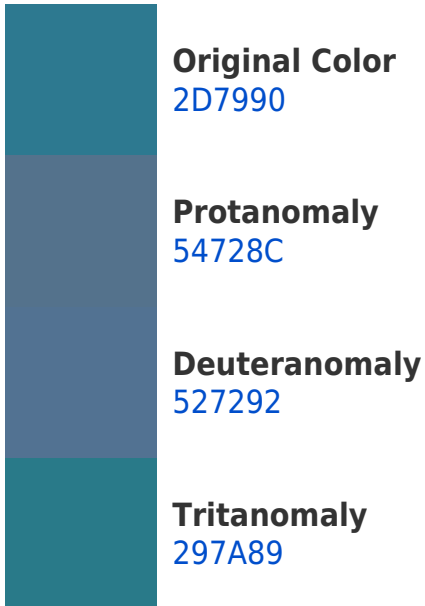
## Dichromacy





**Tritanopia**  
267B85

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D7990 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 #2D7990 looks like.

```
.text, #text, p{  
    color:#2D7990  
}
```

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 #2D7990 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D7990
}
```

## Border

The CSS property to change the border of an element to Hex 2D7990 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
#2D7990 }
```

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

```
.border{ border-color:#2D7990 }
```

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

Here you see how a box with a 4 pixel #2D7990 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D7990; -webkit-box-shadow:4px 4px  
4px 4px #2D7990; box-shadow:4px 4px 4px  
4px #2D7990 }
```

# Background

The CSS property to change the background color of an element to Hex 2D7990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D7990 }
```

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

```
.background{ background-color:#2D7990 }
```

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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