

Converting Colors

Hex(1D7790)

Have a look what the booklet for
Hex(1D7790) contains.

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Color

Hex(1D7790)

Conversions

Conversions Part 1

Format	Color
Hex	1D7790
RGB	29, 119, 144
RGB Percent	11%, 47%, 56%
CMY	0.8863, 0.5333, 0.4353
CMYK	0.80, 0.17, 0.00, 0.44
HSL	193°, 66%, 34%
HSV	193°, 80%, 56%
XYZ	12.1376, 15.4685, 28.7316
YIQ	94.9400, -61.6650, -11.3050

Conversions

Conversions Part 2

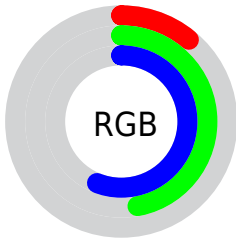
Format	Color
R_{YB}	29, 79, 144
Decimal	1931152
CIE _{Lab}	46.27, -16.61, -20.92
CIE _{LCh}	46, 26.715, 231.544
Yxy	15.4685, 0.2154, 0.2746
Android (android.graphics.Color)	4280121232 (0xFF1D7790)
YUV	94.9400, 24.1866, -57.8294
Hunter-Lab	39.3300, -13.7409, -15.7819

Details

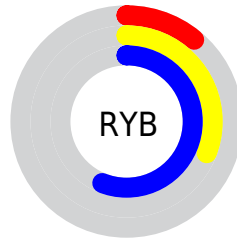
The Hex color **1D7790** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **90361D**, and the grayscale version is **5F5F5F**.

A 20% lighter version of the original color is **5DABC6**, and **00465E** is the 20% darker color. If you saturate the color by 10%, you get **0F7490**, and if you desaturate by 10%, it is **2B7A90**.

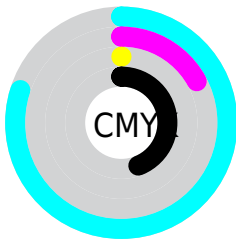
Distribution



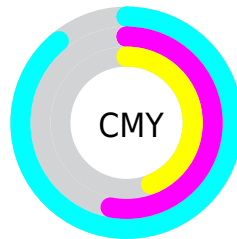
- Red (11%)
- Green (47%)
- Blue (56%)



- Red (11%)
- Yellow (31%)
- Blue (56%)



- Cyan (80%)
- Magenta (17%)
- Yellow (0%)
- Black (44%)



- Cyan (89%)
- Magenta (53%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7790 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 1D7790 by changing the saturation by 10% instead.

■ 1D7790

■ 1D7790

FFFFFF

■ 005E76

■ 5DABC6

■ 00465E

■ 7AC7E2

■ 003046

■ 96E3FF

■ 001C2F

■ B3FFFF

■ 00011B

■ D0FFFF

■ 000000

■ EEEFFF

■ 1D7790

■ 1D7790

■ 0F7490

■ 2B7A90

■ 007190

■ 3A7D90

■ 488090

■ 578490

■ 658790

■ 738A90

■ 828D90

■ 909090

■ 9F9390

Harmonies

Analogous

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



18797D



1D7790



437299

Triad

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



1D7790



955D75



6C7143

Complementary

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



1D7790



90361D

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.



826A41



1D7790



995D5E

Square

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



1D7790



84628A



92624B



527651

Rectangle

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



1D7790



5C6D99



92624B



746F41

Sweetspot

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



1D7790



8DB0BA



1D9036



43585E



DEDEDE



5E5E5E

Same Dimension

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



1D7790



0793BA



1D3E90



404647



006A87



000608

Inverse Universe

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



901D77



BA0793



906F1D



474046



87006A



080006

Previews

White Background



This preview shows how the Hex color 1D7790 looks on a white background.

Color Contrast Check

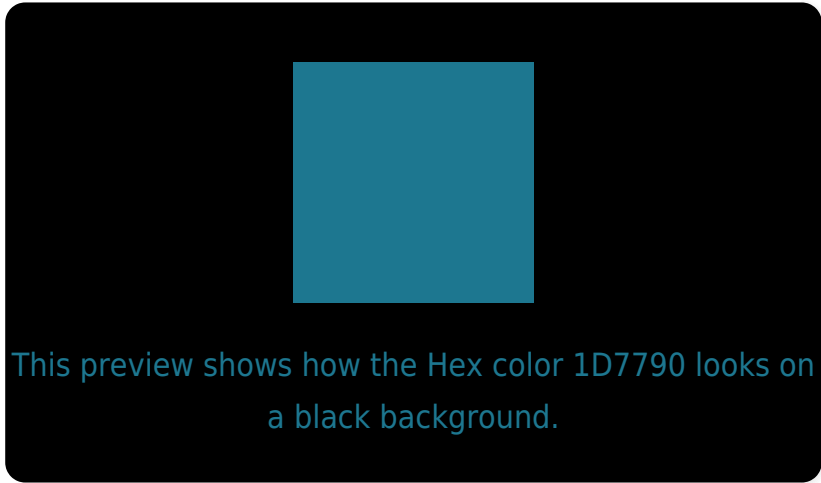
Large Text (above 18pt) WCAG AA ✓ Pass

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

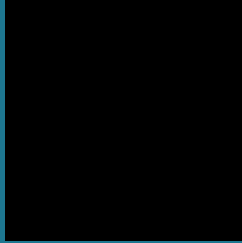
Any Text WCAG AA × Fail

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 1D7790 Background



This preview shows how black text looks on a background with the Hex color 1D7790.

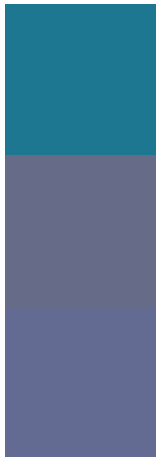


This preview shows how white text looks on a background with the Hex color 1D7790.

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
1D7790

Protanopia
666C88

Deuteranopia
636B93



Tritanopia
097983

Trichromacy



Original Color
1D7790

Protanomaly
4B708B

Deuteranomaly
4A6F92

Tritanomaly
107888

Monochromacy



Original Color
1D7790

Achromatopsia
5F5F5F

Achromatomaly
476871

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7790 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 #1D7790 looks like.

```
.text, #text, p{  
    color:#1D7790  
}
```

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 #1D7790 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7790
}
```

Border

The CSS property to change the border of an element to Hex 1D7790 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
#1D7790 }
```

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

```
.border{ border-color:#1D7790 }
```

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

Here you see how a box with a 4 pixel #1D7790 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7790; -webkit-box-shadow:4px 4px  
4px 4px #1D7790; box-shadow:4px 4px 4px  
4px #1D7790 }
```

Background

The CSS property to change the background color of an element to Hex 1D7790 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7790 }
```

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

```
.background{ background-color:#1D7790 }
```

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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