

Converting Colors

Hex(1A7D90)

Have a look what the booklet for
Hex(1A7D90) contains.

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Color

Hex(1A7D90)

Conversions

Conversions Part 1

Format	Color
Hex	1A7D90
RGB	26, 125, 144
RGB Percent	10%, 49%, 56%
CMY	0.8980, 0.5098, 0.4353
CMYK	0.82, 0.13, 0.00, 0.44
HSL	190°, 69%, 33%
HSV	190°, 82%, 56%
XYZ	12.7937, 16.9005, 28.9734
YIQ	97.5650, -65.1030, -15.0790

Conversions

Conversions Part 2

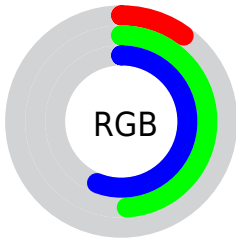
Format	Color
RYB	26, 80, 144
Decimal	1736080
CIELab	48.13, -20.20, -18.06
CIElCh	48, 27.096, 221.810
Yxy	16.9005, 0.2181, 0.2881
Android (android.graphics.Color)	4279926160 (0xFF1A7D90)
YUV	97.5650, 22.8925, -62.7625
Hunter-Lab	41.1102, -16.3928, -13.0089

Details

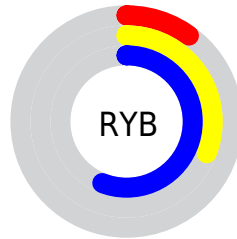
The Hex color **1A7D90** is a dark color, and the websafe version is hex **006666**. A complement of this color would be **902D1A**, and the grayscale version is **616161**.

A 20% lighter version of the original color is **5DB2C6**, and **004C5E** is the 20% darker color. If you saturate the color by 10%, you get **0C7B90**, and if you desaturate by 10%, it is **287F90**.

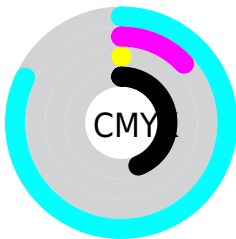
Distribution



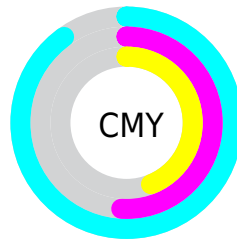
- Red (10%)
- Green (49%)
- Blue (56%)



- Red (10%)
- Yellow (31%)
- Blue (56%)



- Cyan (82%)
- Magenta (13%)
- Yellow (0%)
- Black (44%)



- Cyan (90%)
- Magenta (51%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1A7D90 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 1A7D90 by changing the saturation by 10% instead.

■ 1A7D90

■ 1A7D90

FFFFFF

■ 006476

■ 5DB2C6

■ 004C5E

■ 79CDE2

■ 003546

■ 96EAFB

■ 00202F

■ B3FFFF

■ 00011B

■ D0FFFF

■ 000000

■ EEEFFF

■ 1A7D90

■ 1A7D90

■ 0C7B90

■ 287F90

007990

378290

458490

548690

628990

708B90

7F8D90

8D9090

9C9290

Harmonies

Analogous

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



257F7B



1A7D90



3A799D

Triad

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



1A7D90



966281



797445

Complementary

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



1A7D90



902D1A

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.



8E6C47



1A7D90



9F616A

Square

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



1A7D90



816994



9B6555



5F7A4F

Rectangle

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



1A7D90



5474A0



9B6555



807144

Sweetspot

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



1A7D90



8CB3BA



1A902C



425A5E



DEDEDE



5E5E5E

Same Dimension

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



1A7D90



049DBA



1A4390



404647



007187



000608

Inverse Universe

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



901A7D



BA049D



90671A



474046



870071



080006

Previews

White Background



This preview shows how the Hex color 1A7D90 looks on a white background.

Color Contrast Check

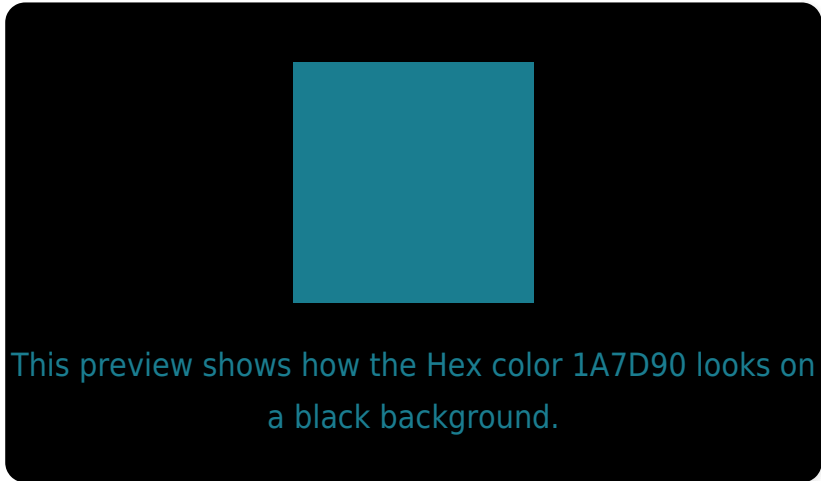
Large Text (above 18pt) WCAG AA ✓ Pass

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

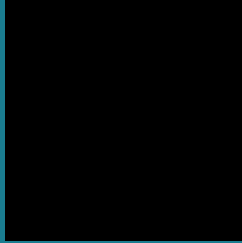
Any Text WCAG AA × Fail

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 1A7D90 Background



This preview shows how black text looks on a background with the Hex color 1A7D90.

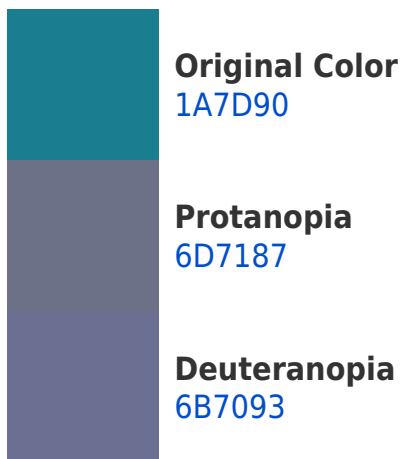


This preview shows how white text looks on a background with the Hex color 1A7D90.

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
0F7E89

Trichromacy



Original Color
1A7D90

Protanomaly
4F758A

Deuteranomaly
4E7592

Tritanomaly
137E8C

Monochromacy



Original Color
1A7D90

Achromatopsia
626262

Achromatomaly
486C73

CSS Examples

Text

The CSS property to change the color of the text to Hex 1A7D90 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 #1A7D90 looks like.

```
.text, #text, p{  
    color:#1A7D90  
}
```

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 #1A7D90 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1A7D90
}
```

Border

The CSS property to change the border of an element to Hex 1A7D90 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
#1A7D90 }
```

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

```
.border{ border-color:#1A7D90 }
```

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

Here you see how a box with a 4 pixel #1A7D90 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1A7D90; -webkit-box-shadow:4px 4px  
4px 4px #1A7D90; box-shadow:4px 4px 4px  
4px #1A7D90 }
```

Background

The CSS property to change the background color of an element to Hex 1A7D90 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1A7D90 }
```

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

```
.background{ background-color:#1A7D90 }
```

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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