

Converting Colors

Hex(1D78AD)

Have a look what the booklet for
Hex(1D78AD) contains.

Hex(1D78AD)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(1D78AD)

Conversions

Conversions Part 1

Format	Color
Hex	1D78AD
RGB	29, 120, 173
RGB Percent	11%, 47%, 68%
CMY	0.8863, 0.5294, 0.3216
CMYK	0.83, 0.31, 0.00, 0.32
HSL	202°, 71%, 40%
HSV	202°, 83%, 68%
XYZ	14.7660, 16.7113, 41.9825
YIQ	98.8330, -71.2490, -2.8090

Conversions

Conversions Part 2

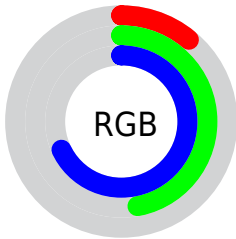
Format	Color
R _Y B	29, 85, 173
Decimal	1931437
CIE Lab	47.89, -6.62, -35.41
CIE LCh	48, 36.019, 259.414
Yxy	16.7113, 0.2010, 0.2275
Android (android.graphics.Color)	4280121517 (0xFF1D78AD)
YUV	98.8330, 36.5643, -61.2435
Hunter-Lab	40.8794, -7.0633, -32.2743

Details

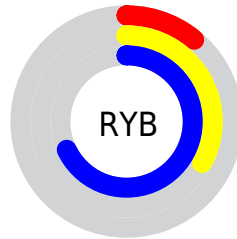
The Hex color **1D78AD** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AD521D**, and the grayscale version is **636363**.

A 20% lighter version of the original color is **63ACE5**, and **004878** is the 20% darker color. If you saturate the color by 10%, you get **0C72AD**, and if you desaturate by 10%, it is **2E7EAD**.

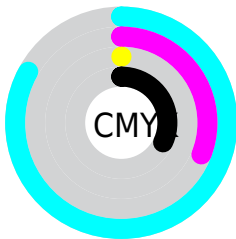
Distribution



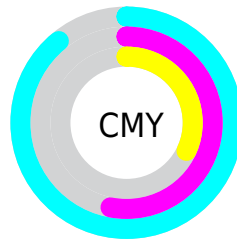
- Red (11%)
- Green (47%)
- Blue (68%)



- Red (11%)
- Yellow (33%)
- Blue (68%)



- Cyan (83%)
- Magenta (31%)
- Yellow (0%)
- Black (32%)



- Cyan (89%)
- Magenta (53%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D78AD 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 1D78AD by changing the saturation by 10% instead.

■ 1D78AD

■ 1D78AD

FFFFFF

■ 005F92

■ 63ACE5

■ 004878

■ 81C7FF

■ 00325F

■ 9EE3FF

■ 001D47

■ BBFFFF

■ 000430

■ D9FFFF

■ 00011B

■ F7FFFF

■ 000000

■ 1D78AD

■ 1D78AD

■ 0C72AD

■ 2E7EAD

■ 006DAD

■ 4085AD

■ 518BAD

■ 6291AD

■ 7498AD

■ 859EAD

■ 96A5AD

■ A7ABAD

■ B9B1AD

Harmonies

Analogous

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



007E9F



1D78AD



636EAB

Triad

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



1D78AD



AB595F



4D7D49

Complementary

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



1D78AD



AD521D

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.



707636



1D78AD



A26145

Square

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



1D78AD



A55A7E



8D6C35



178165

Rectangle

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



1D78AD



8166A1



8D6C35



5A7B41

Sweetspot

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



1D78AD



A8CCE0



1DAD52



4F6470



F0F0F0



707070

Same Dimension

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



1D78AD



008EE0



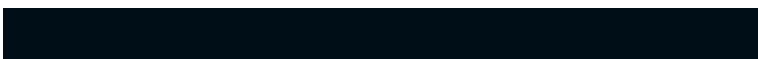
1D30AD



4E5457



005F96



000F17

Inverse Universe

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



AD1D78



E0008E



AD9A1D



574E54



96005F



17000F

Previews

White Background



This preview shows how the Hex color 1D78AD looks on a white background.

Color Contrast Check

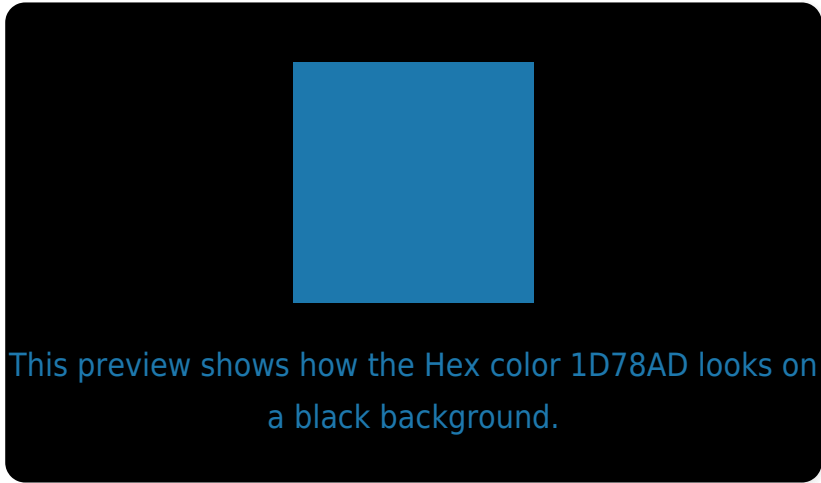
Large Text (above 18pt) WCAG AA ✓ Pass

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 1D78AD Background



This preview shows how black text looks on a background with the Hex color 1D78AD.

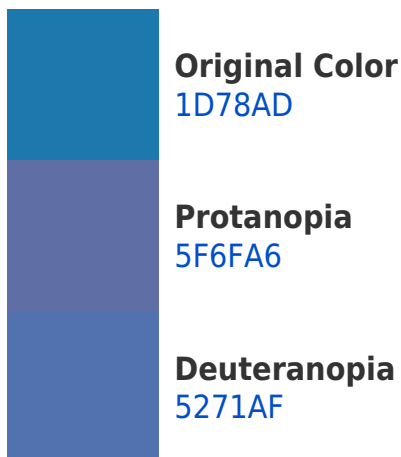


This preview shows how white text looks on a background with the Hex color 1D78AD.

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
007E87

Trichromacy



Original Color
1D78AD

Protanomaly
4772A9

Deuteranomaly
3F74AE

Tritanomaly
0B7C95

Monochromacy



Original Color
1D78AD

Achromatopsia
636363

Achromatomaly
4A6B7E

CSS Examples

Text

The CSS property to change the color of the text to Hex 1D78AD 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 #1D78AD looks like.

```
.text, #text, p{  
    color:#1D78AD  
}
```

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 #1D78AD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D78AD
}
```

Border

The CSS property to change the border of an element to Hex 1D78AD 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
#1D78AD }
```

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

```
.border{ border-color:#1D78AD }
```

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

Here you see how a box with a 4 pixel #1D78AD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D78AD; -webkit-box-shadow:4px 4px  
4px 4px #1D78AD; box-shadow:4px 4px 4px  
4px #1D78AD }
```

Background

The CSS property to change the background color of an element to Hex 1D78AD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D78AD }
```

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

```
.background{ background-color:#1D78AD }
```

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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