

Converting Colors

Hex(1D7CAF)

Have a look what the booklet for
Hex(1D7CAF) contains.

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Color

Hex(1D7CAF)

Conversions

Conversions Part 1

Format	Color
Hex	1D7CAF
RGB	29, 124, 175
RGB Percent	11%, 49%, 69%
CMY	0.8863, 0.5137, 0.3137
CMYK	0.83, 0.29, 0.00, 0.31
HSL	201°, 72%, 40%
HSV	201°, 83%, 69%
XYZ	15.4522, 17.7717, 43.1733
YIQ	101.4090, -72.9910, -4.2790

Conversions

Conversions Part 2

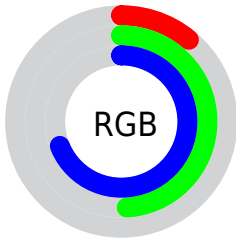
Format	Color
R_{YB}	29, 87, 175
Decimal	1932463
CIE _{Lab}	49.22, -8.22, -34.49
CIE _{LCh}	49, 35.453, 256.590
Yxy	17.7717, 0.2023, 0.2326
Android (android.graphics.Color)	4280122543 (0xFF1D7CAF)
YUV	101.4090, 36.2804, -63.5027
Hunter-Lab	42.1564, -8.3456, -31.2106

Details

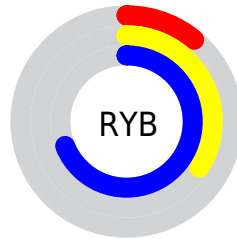
The Hex color **1D7CAF** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **AF501D**, and the grayscale version is **656565**.

A 20% lighter version of the original color is **64B0E7**, and **004B7A** is the 20% darker color. If you saturate the color by 10%, you get **0C76AF**, and if you desaturate by 10%, it is **2F82AF**.

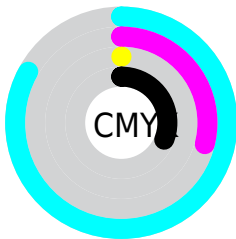
Distribution



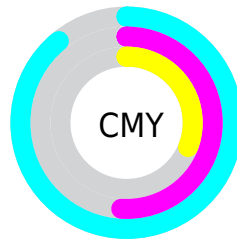
- Red (11%)
- Green (49%)
- Blue (69%)



- Red (11%)
- Yellow (34%)
- Blue (69%)



- Cyan (83%)
- Magenta (29%)
- Yellow (0%)
- Black (31%)



- Cyan (89%)
- Magenta (51%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Hex color 1D7CAF 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 1D7CAF by changing the saturation by 10% instead.

■ 1D7CAF

■ 1D7CAF

FFFFFF

■ 006394

■ 64B0E7

■ 004B7A

■ 81CCFF

■ 003561

■ 9FE8FF

■ 002049

■ BCFFFF

■ 000432

■ DAFFFF

■ 00021C

■ F8FFFF

■ 000000

■ 1D7CAF

■ 1D7CAF

■ 0C76AF

■ 2F82AF

0072AF

4088AF

528EAF

6394AF

759BAF

86A1AF

98A7AF

A9ADAF

BBB3AF

Harmonies

Analogous

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



0082A0



1D7CAF



6272AE

Triad

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



1D7CAF



AE5D65



55804A

Complementary

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



1D7CAF



AF501D

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.



77783A



1D7CAF



A7644B

Square

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



1D7CAF



A65E84



936F3A



268466

Rectangle

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



1D7CAF



806BA5



936F3A



617E43

Sweetspot

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



1D7CAF



AACFE3



1DAF4E



506773



F2F2F2



737373

Same Dimension

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



1D7CAF



0094E3



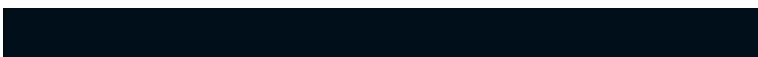
1D35AF



4E5457



006296



000F17

Inverse Universe

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



AF1D7C



E30094



AF971D



574E54



960062



17000F

Previews

White Background



This preview shows how the Hex color 1D7CAF looks on a white background.

Color Contrast Check

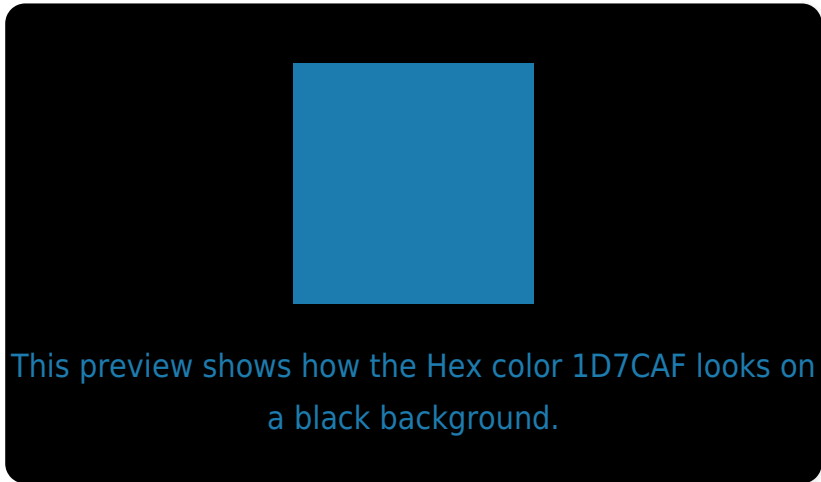
Large Text (above 18pt) WCAG AA ✓ Pass

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

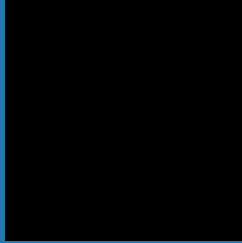
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 1D7CAF Background



This preview shows how black text looks on a background with the Hex color 1D7CAF.

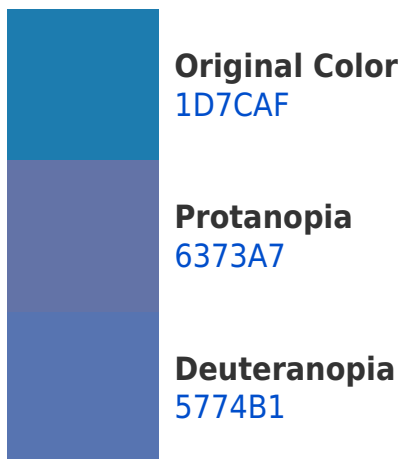


This preview shows how white text looks on a background with the Hex color 1D7CAF.

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](#).

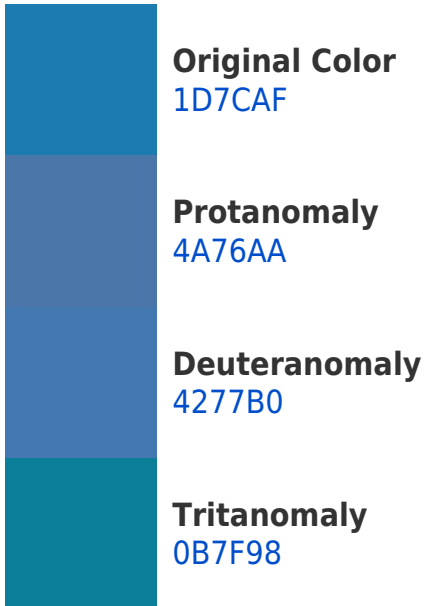
Dichromacy





Tritanopia
00818B

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 1D7CAF 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 #1D7CAF looks like.

```
.text, #text, p{  
    color:#1D7CAF  
}
```

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 #1D7CAF colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7CAF
}
```

Border

The CSS property to change the border of an element to Hex 1D7CAF 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
#1D7CAF }
```

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

```
.border{ border-color:#1D7CAF }
```

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

Here you see how a box with a 4 pixel #1D7CAF colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7CAF; -webkit-box-shadow:4px 4px  
4px 4px #1D7CAF; box-shadow:4px 4px 4px  
4px #1D7CAF }
```

Background

The CSS property to change the background color of an element to Hex 1D7CAF is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7CAF }
```

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

```
.background{ background-color:#1D7CAF }
```

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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