

# Converting Colors

Hex(1D7391)

Have a look what the booklet for  
Hex(1D7391) contains.

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# Color

**Hex(1D7391)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	1D7391
RGB	29, 115, 145
RGB Percent	11%, 45%, 57%
CMY	0.8863, 0.5490, 0.4314
CMYK	0.80, 0.21, 0.00, 0.43
HSL	196°, 67%, 34%
HSV	196°, 80%, 57%
XYZ	11.7483, 14.5670, 28.9806
YIQ	92.7060, -60.8860, -8.9020

# Conversions

## Conversions Part 2

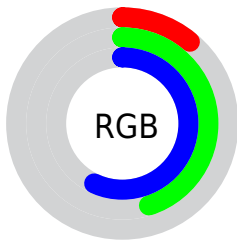
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	29, 78, 145
Decimal	1930129
CIE <sub>Lab</sub>	45.04, -14.02, -23.42
CIE <sub>LCh</sub>	45, 27.292, 239.096
Yxy	14.5670, 0.2125, 0.2634
Android (android.graphics.Color)	4280120209 (0xFF1D7391)
YUV	92.7060, 25.7809, -55.8702
Hunter-Lab	38.1668, -11.8470, -18.3030

# Details

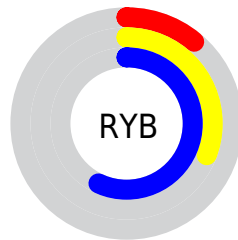
The Hex color **1D7391** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **913B1D**, and the grayscale version is **5D5D5D**.

A 20% lighter version of the original color is **5DA7C7**, and **00435E** is the 20% darker color. If you saturate the color by 10%, you get **0E6F91**, and if you desaturate by 10%, it is **2C7791**.

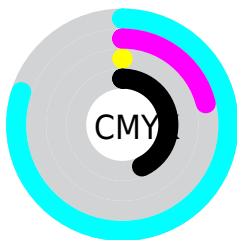
# Distribution



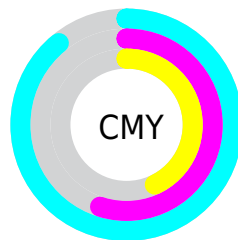
- Red (11%)
- Green (45%)
- Blue (57%)



- Red (11%)
- Yellow (31%)
- Blue (57%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (43%)



- Cyan (89%)
- Magenta (55%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1D7391 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 1D7391 by changing the saturation by 10% instead.



 1D7391

 1D7391

FFFFFF

 005A77

 5DA7C7

 00435E

 7AC2E3

 002D47

 96DEFF

 001930

 B3FBFF

 00011B

 D0FFFF

 000000

 EDFFFF

 1D7391

 1D7391

 0E6F91

 2C7791

■ 006B91

■ 3A7A91

■ 497E91

■ 578291

■ 668691

■ 748A91

■ 838D91

■ 919191

■ A09591

# Harmonies

## Analogous

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



027680



1D7391



486D98

# Triad

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



1D7391



95596C



637042

# Complementary

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



1D7391



913B1D

# 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.



7A693D



1D7391



965B56

# Square

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



1D7391



875D82



8C6144



477452

# Rectangle

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



1D7391



616895



8C6144



6B6E3F



# Sweetspot

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



1D7391



8FB1BD



1D913A



43575E



DEDEDE



5E5E5E



# Same Dimension

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



1D7391



088EBD



1D3A91



404647



006487



000608



# Inverse Universe

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



911D73



BD088E



91741D



474046



870064



080006



# Previews

## White Background



This preview shows how the Hex color 1D7391 looks on a white background.

## Color Contrast Check

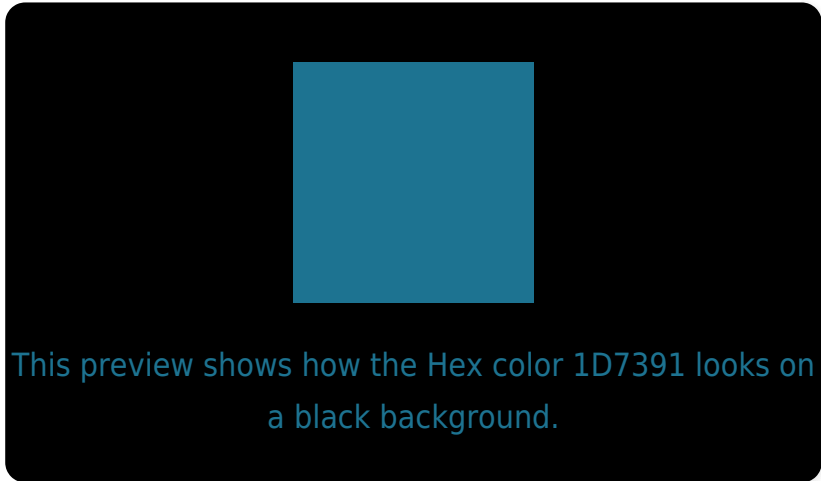
Large Text (above 18pt) WCAG AA ✓ Pass

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

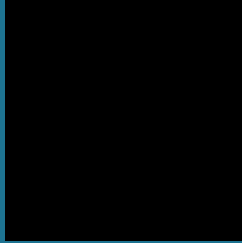
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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



## Hex 1D7391 Background



This preview shows how black text looks on a background with the Hex color 1D7391.

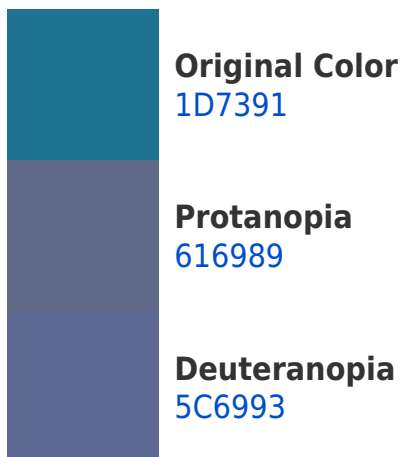


This preview shows how white text looks on a background with the Hex color 1D7391.

# 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](#).

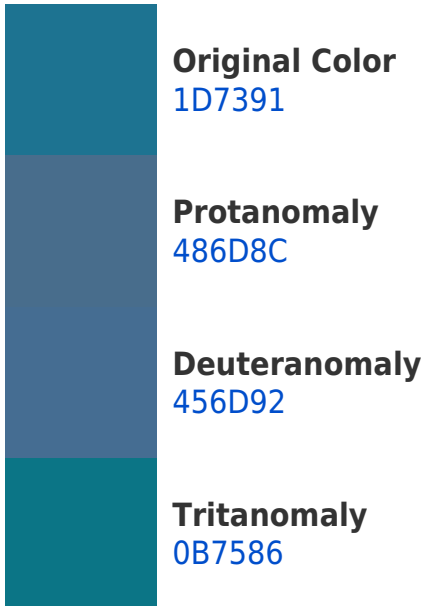
## Dichromacy





**Tritanopia**  
00767F

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1D7391 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 #1D7391 looks like.

```
.text, #text, p{  
    color:#1D7391  
}
```

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 #1D7391 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1D7391
}
```

## Border

The CSS property to change the border of an element to Hex 1D7391 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
#1D7391 }
```

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

```
.border{ border-color:#1D7391 }
```

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

Here you see how a box with a 4 pixel #1D7391 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1D7391; -webkit-box-shadow:4px 4px  
4px 4px #1D7391; box-shadow:4px 4px 4px  
4px #1D7391 }
```

# Background

The CSS property to change the background color of an element to Hex 1D7391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1D7391 }
```

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

```
.background{ background-color:#1D7391 }
```

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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