

# Converting Colors

Hex(1DA2D0)

Have a look what the booklet for  
Hex(1DA2D0) contains.

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# **Color**

**Hex(1DA2D0)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1DA2D0
RGB	29, 162, 208
RGB Percent	11%, 64%, 82%
CMY	0.8863, 0.3647, 0.1843
CMYK	0.86, 0.22, 0.00, 0.18
HSL	195°, 76%, 46%
HSV	195°, 86%, 82%
XYZ	24.8122, 30.6559, 64.2840
YIQ	127.4770, -94.0340, -13.8900

# Conversions

## Conversions Part 2

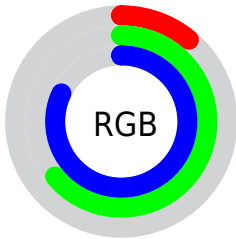
Format	Color
<a href="#">RYB</a>	<a href="#">29, 105, 208</a>
Decimal	<a href="#">1942224</a>
CIELab	<a href="#">62.22, -17.58, -32.93</a>
CIELCh	<a href="#">62, 37.327, 241.897</a>
Yxy	<a href="#">30.6559, 0.2072, 0.2560</a>
Android (android.graphics.Color)	<a href="#">4280132304</a> ( <a href="#">0xFF1DA2D0</a> )
YUV	<a href="#">127.4770, 39.6978, -86.3643</a>
Hunter-Lab	<a href="#">55.3678, -16.9018, -30.0803</a>

# Details

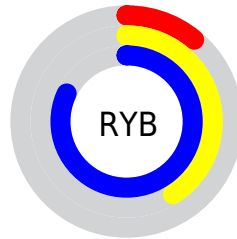
The Hex color **1DA2D0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D04B1D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6DD9FF**, and **006E99** is the 20% darker color. If you saturate the color by 10%, you get **089DD0**, and if you desaturate by 10%, it is **32A7D0**.

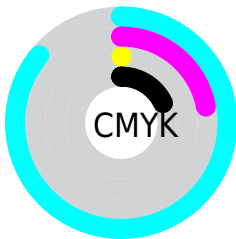
# Distribution



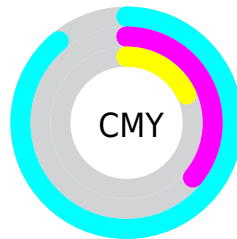
- Red (11%)
- Green (64%)
- Blue (82%)



- Red (11%)
- Yellow (41%)
- Blue (82%)



- Cyan (86%)
- Magenta (22%)
- Yellow (0%)
- Black (18%)



- Cyan (89%)
- Magenta (36%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 1DA2D0 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 1DA2D0 by changing the saturation by 10% instead.



 1DA2D0

 1DA2D0

FFFFFF

 0088B4

 6DD9FF

 006E99

 8CF5FF

 00567F

 ABFFFF

 003F66

 C9FFFF

 00294E

 E8FFFF

 001237

 000221

 000006

 000000

■ 1DA2D0

■ 1DA2D0

■ 089DD0

■ 32A7D0

■ 009BD0

■ 47ADD0

■ 5BB2D0

■ 70B7D0

■ 85BDD0

■ 9AC2D0

■ AFC7D0

■ C3CDD0

■ D8D2D0

# Harmonies

## Analogous

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



00A7B8



1DA2D0



6899D8

# Triad

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



1DA2D0



D47C96



879F5D

# Complementary

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



1DA2D0



D04B1D

# 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.



AA9553



1DA2D0



D47F75

# Square

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



1DA2D0



C282B6



C58A5D



5EA576

# Rectangle

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



1DA2D0



8D91D4



C58A5D



939C58

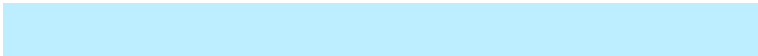


# Sweetspot

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



1DA2D0



BDEEFF



1DD04A



587580



000000



808080

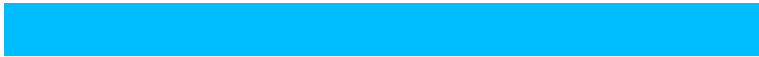


# Same Dimension

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



1DA2D0



00BDFF



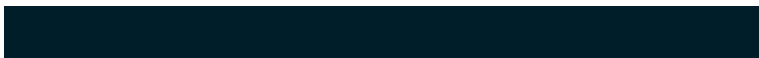
1D4AD0



5E6669



007DA8



001E29



# Inverse Universe

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



D01DA2



FF00BD



D0A31D



695E66



A8007D



29001E



# Previews

## White Background



This preview shows how the Hex color 1DA2D0 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 1DA2D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

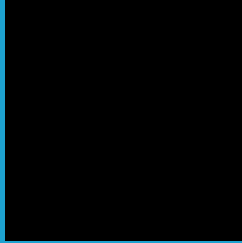
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 1DA2D0 Background



This preview shows how black text looks on a background with the Hex color 1DA2D0.

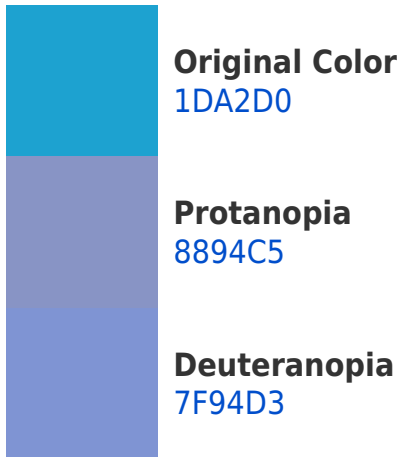


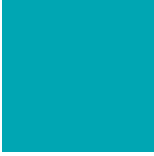
This preview shows how white text looks on a background with the Hex color 1DA2D0.

# 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](#).

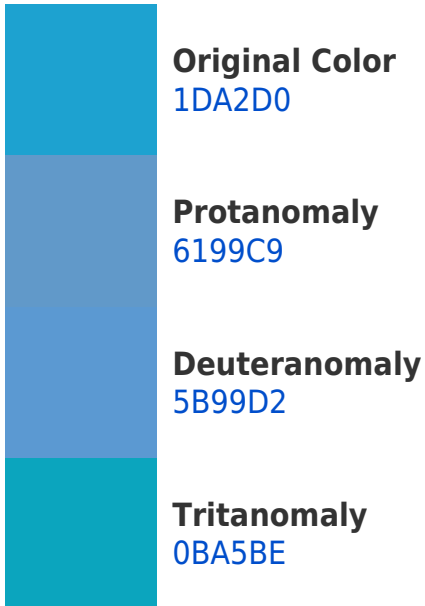
## Dichromacy



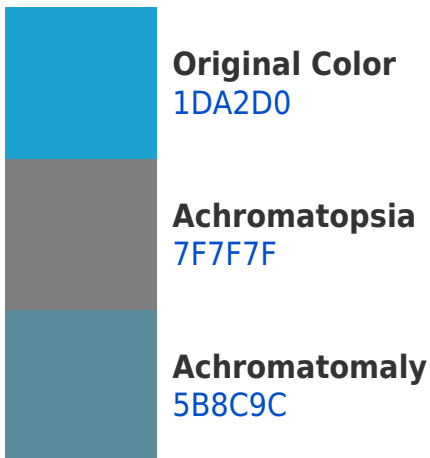


**Tritanopia**  
00A6B3

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 1DA2D0 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 #1DA2D0 looks like.

```
.text, #text, p{  
    color:#1DA2D0  
}
```

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 #1DA2D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #1DA2D0
}
```

## Border

The CSS property to change the border of an element to Hex 1DA2D0 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
#1DA2D0 }
```

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

```
.border{ border-color:#1DA2D0 }
```

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

Here you see how a box with a 4 pixel #1DA2D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #1DA2D0; -webkit-box-shadow:4px 4px  
4px 4px #1DA2D0; box-shadow:4px 4px 4px  
4px #1DA2D0 }
```

# Background

The CSS property to change the background color of an element to Hex 1DA2D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#1DA2D0 }
```

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

```
.background{ background-color:#1DA2D0 }
```

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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