

Converting Colors

Hex(2DA1D0)

Have a look what the booklet for
Hex(2DA1D0) contains.

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Color

Hex(2DA1D0)

Conversions

Conversions Part 1

Format	Color
Hex	2DA1D0
RGB	45, 161, 208
RGB Percent	18%, 63%, 82%
CMY	0.8235, 0.3686, 0.1843
CMYK	0.78, 0.23, 0.00, 0.18
HSL	197°, 64%, 50%
HSV	197°, 78%, 82%
XYZ	25.2122, 30.6017, 64.2524
YIQ	131.6740, -84.2230, -9.9750

Conversions

Conversions Part 2

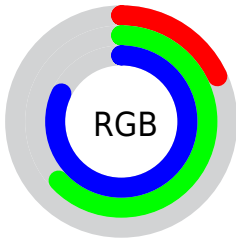
Format	Color
R_{YB}	45, 113, 208
Decimal	2990544
CIE _{Lab}	62.17, -15.68, -32.98
CIE _{LCh}	62, 36.515, 244.576
Yxy	30.6017, 0.2100, 0.2549
Android (android.graphics.Color)	4281180624 (0xFF2DA1D0)
YUV	131.6740, 37.6287, -76.0131
Hunter-Lab	55.3188, -15.4543, -30.1418

Details

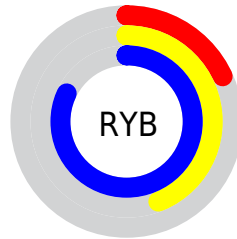
The Hex color **2DA1D0** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **D05C2D**, and the grayscale version is **838383**.

A 20% lighter version of the original color is **74D8FF**, and **006D99** is the 20% darker color. If you saturate the color by 10%, you get **189BD0**, and if you desaturate by 10%, it is **42A7D0**.

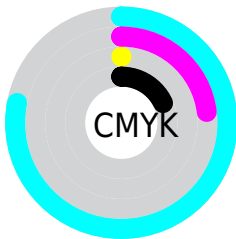
Distribution



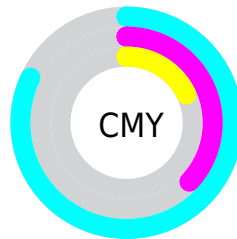
- Red (18%)
- Green (63%)
- Blue (82%)



- Red (18%)
- Yellow (44%)
- Blue (82%)



- Cyan (78%)
- Magenta (23%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (37%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 2DA1D0 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 2DA1D0 by changing the saturation by 10% instead.

■ 2DA1D0

■ 2DA1D0

FFFFFF

■ 0087B4

■ 74D8FF

■ 006D99

■ 93F4FF

■ 00557F

■ B1FFFF

■ 003E66

■ CFFFFFF

■ 00284E

■ EFFFFFF

■ 001237

■ 000221

■ 000005

■ 000000

■ 2DA1D0

■ 2DA1D0

■ 189BD0

■ 42A7D0

■ 0395D0

■ 57ADD0

■ 0094D0

■ 6BB3D0

■ 80B9D0

■ 95BFD0

■ AAC5D0

■ BFCBD0

■ D3D1D0

■ E8D7D0

Harmonies

Analogous

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



00A6BA



2DA1D0



6E98D6

Triad

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



2DA1D0



D47D92



849F60

Complementary

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



2DA1D0



D05C2D

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.



A69655



2DA1D0



D28173

Square

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



2DA1D0



C381B3



C28B5C



5CA579

Rectangle

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



2DA1D0



9190D1



C28B5C



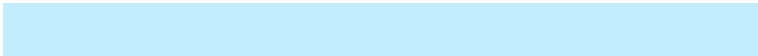
909C5A

Sweetspot

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



2DA1D0



C2EDFF



2DD05B



5B7580



000000



808080

Same Dimension

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



2DA1D0



0FBAFF



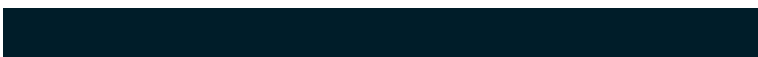
2D50D0



5E6669



0078A8



001D29

Inverse Universe

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



D02DA1



FF0FBA



D0AD2D



695E66



A80078



29001D

Previews

White Background



This preview shows how the Hex color 2DA1D0 looks on a white background.

Color Contrast Check

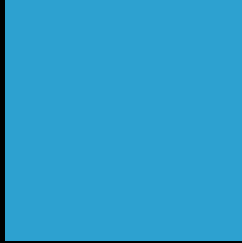
Large Text (above 18pt) WCAG AA × Fail

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 2DA1D0 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 2DA1D0 Background



This preview shows how black text looks on a background with the Hex color 2DA1D0.



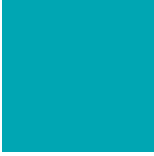
This preview shows how white text looks on a background with the Hex color 2DA1D0.

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](#).

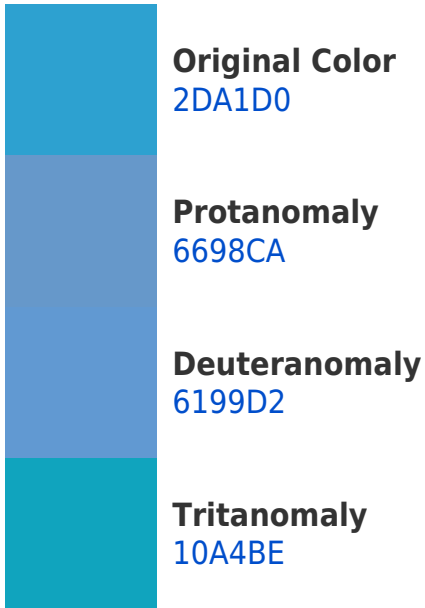
Dichromacy





Tritanopia
00A6B3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 2DA1D0 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 #2DA1D0 looks like.

```
.text, #text, p{  
    color:#2DA1D0  
}
```

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 #2DA1D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA1D0
}
```

Border

The CSS property to change the border of an element to Hex 2DA1D0 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
#2DA1D0 }
```

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

```
.border{ border-color:#2DA1D0 }
```

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

Here you see how a box with a 4 pixel #2DA1D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA1D0; -webkit-box-shadow:4px 4px  
4px 4px #2DA1D0; box-shadow:4px 4px 4px  
4px #2DA1D0 }
```

Background

The CSS property to change the background color of an element to Hex 2DA1D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA1D0 }
```

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

```
.background{ background-color:#2DA1D0 }
```

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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