

# Converting Colors

Hex(2DA3DD)

Have a look what the booklet for  
Hex(2DA3DD) contains.

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# **Color**

**Hex(2DA3DD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2DA3DD
RGB	45, 163, 221
RGB Percent	18%, 64%, 87%
CMY	0.8235, 0.3608, 0.1333
CMYK	0.80, 0.26, 0.00, 0.13
HSL	200°, 72%, 52%
HSV	200°, 80%, 87%
XYZ	27.2305, 31.9727, 73.1428
YIQ	134.3300, -88.9460, -6.9780

# Conversions

## Conversions Part 2

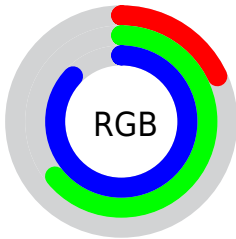
<b>Format</b>	<b>Color</b>
<b>RYB</b>	45, 116, 221
Decimal	2991069
CIELab	63.32, -12.28, -38.40
CIELCh	63, 40.316, 252.265
Yxy	31.9727, 0.2058, 0.2416
Android (android.graphics.Color)	4281181149 (0xFF2DA3DD)
YUV	134.3300, 42.7283, -78.3424
Hunter-Lab	56.5444, -12.9912, -37.1132

# Details

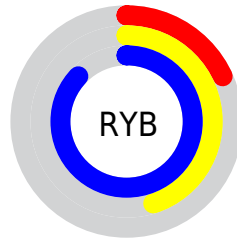
The Hex color **2DA3DD** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **DD672D**, and the grayscale version is **868686**.

A 20% lighter version of the original color is **76DAFF**, and **006FA6** is the 20% darker color. If you saturate the color by 10%, you get **179CDD**, and if you desaturate by 10%, it is **43AADD**.

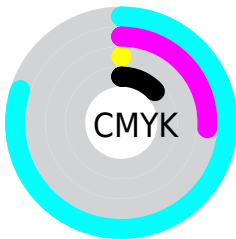
# Distribution



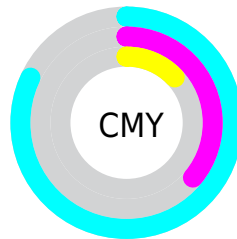
- Red (18%)
- Green (64%)
- Blue (87%)



- Red (18%)
- Yellow (45%)
- Blue (87%)



- Cyan (80%)
- Magenta (26%)
- Yellow (0%)
- Black (13%)



- Cyan (82%)
- Magenta (36%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2DA3DD 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 2DA3DD by changing the saturation by 10% instead.



■ 2DA3DD

■ 2DA3DD

FFFFFF

■ 0089C1

■ 76DAFF

■ 006FA6

■ 95F6FF

■ 00578B

■ B4FFFF

■ 004071

■ D3FFFF

■ 002A58

■ F2FFFF

■ 001741

■ 00032A

■ 000114

■ 000000

■ 2DA3DD

■ 2DA3DD

■ 179CDD

■ 43AADD

■ 0194DD

■ 59B2DD

■ 0094DD

■ 6FB9DD

■ 85C0DD

■ 9BC7DD

■ B2CFDD

■ C8D6DD

■ DEDDDD

■ F4E5DD

# Harmonies

## Analogous

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



00AAC8



2DA3DD



7B98DF

# Triad

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



2DA3DD



DE7C8C



7AA563

# Complementary

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



2DA3DD



DD672D

# 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.



A19C51



2DA3DD



D8836B

# Square

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



2DA3DD



D17FB0



C29055



49AB82

# Rectangle

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



2DA3DD



A08FD6



C29055



88A25B

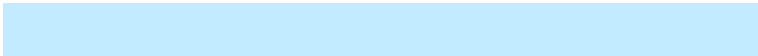


# Sweetspot

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



2DA3DD



C2EBFF



2DDD65



5B7380



000000



808080

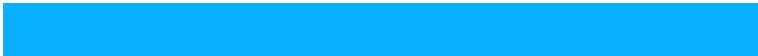


# Same Dimension

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



2DA3DD



0AAEFF



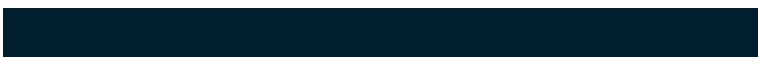
2D4DDD



636A6E



0074AD



001F2E



# Inverse Universe

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



DD2DA3



FF0AAE



DDBD2D



6E636A



AD0074



2E001F



# Previews

## White Background



This preview shows how the Hex color 2DA3DD looks on a white background.

## Color Contrast Check

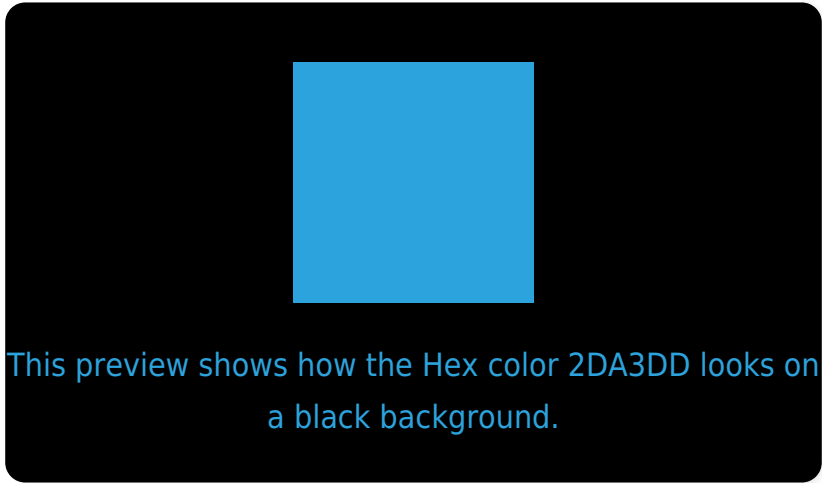
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

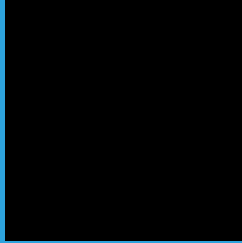
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

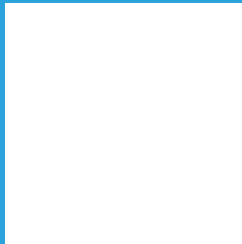
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2DA3DD Background



This preview shows how black text looks on a background with the Hex color 2DA3DD.

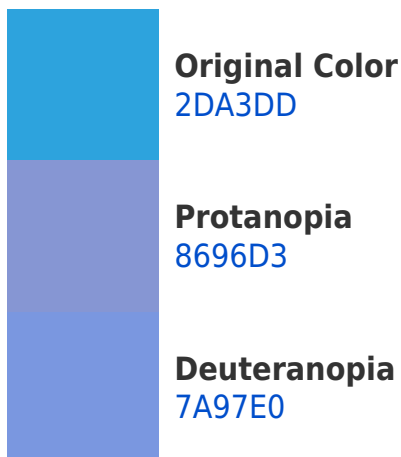


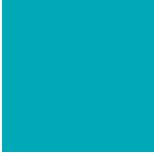
This preview shows how white text looks on a background with the Hex color 2DA3DD.

# 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](#).

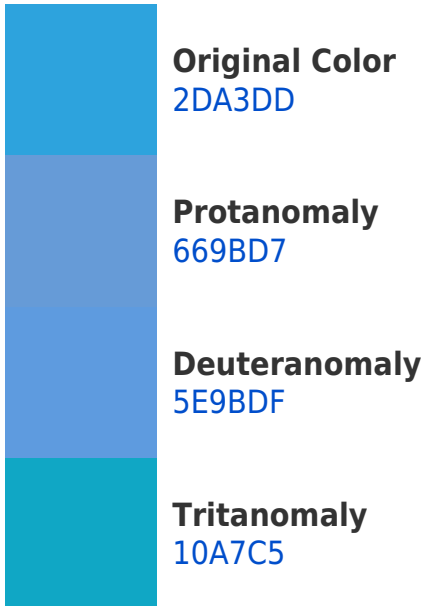
## Dichromacy



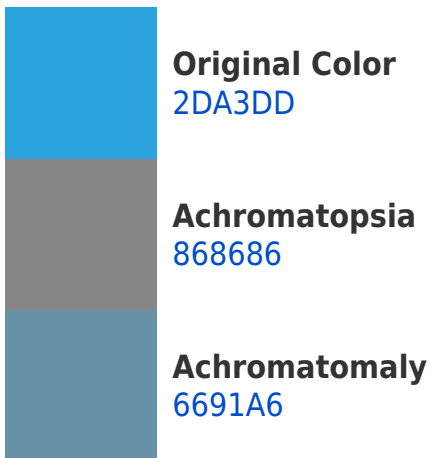


**Tritanopia**  
00A9B7

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2DA3DD 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 #2DA3DD looks like.

```
.text, #text, p{  
    color:#2DA3DD  
}
```

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 #2DA3DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2DA3DD
}
```

## Border

The CSS property to change the border of an element to Hex 2DA3DD 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
#2DA3DD }
```

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

```
.border{ border-color:#2DA3DD }
```

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

Here you see how a box with a 4 pixel #2DA3DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2DA3DD; -webkit-box-shadow:4px 4px  
4px 4px #2DA3DD; box-shadow:4px 4px 4px  
4px #2DA3DD }
```

# Background

The CSS property to change the background color of an element to Hex 2DA3DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2DA3DD }
```

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

```
.background{ background-color:#2DA3DD }
```

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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