

# Converting Colors

Hex(2D9AD2)

Have a look what the booklet for  
Hex(2D9AD2) contains.

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# Color

Hex(2D9AD2)

# Conversions

## Conversions Part 1

Format	Color
Hex	2D9AD2
RGB	45, 154, 210
RGB Percent	18%, 60%, 82%
CMY	0.8235, 0.3961, 0.1765
CMYK	0.79, 0.27, 0.00, 0.18
HSL	200°, 65%, 50%
HSV	200°, 79%, 82%
XYZ	24.2706, 28.3222, 65.1603
YIQ	127.7930, -82.9400, -5.6920

# Conversions

## Conversions Part 2

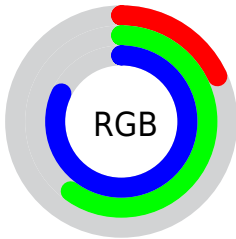
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	45, 111, 210
Decimal	2988754
CIE <sub>Lab</sub>	60.18, -11.14, -37.20
CIE <sub>LCh</sub>	60, 38.831, 253.323
Yxy	28.3222, 0.2061, 0.2405
Android (android.graphics.Color)	4281178834 (0xFF2D9AD2)
YUV	127.7930, 40.5281, -72.6095
Hunter-Lab	53.2186, -11.7267, -35.3410

# Details

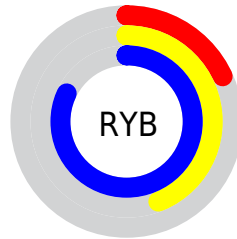
The Hex color **2D9AD2** is a dark color, and the websafe version is hex **3399CC**. The color can be described as middle washed azure. A complement of this color would be **D2652D**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **74D0FF**, and **00679B** is the 20% darker color. If you saturate the color by 10%, you get **1893D2**, and if you desaturate by 10%, it is **42A1D2**.

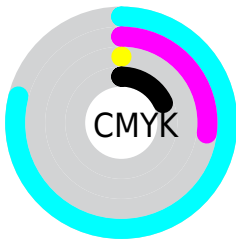
# Distribution



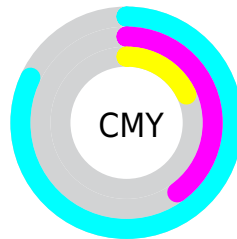
- Red (18%)
- Green (60%)
- Blue (82%)



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



- Cyan (79%)
- Magenta (27%)
- Yellow (0%)
- Black (18%)



- Cyan (82%)
- Magenta (40%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2D9AD2 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 2D9AD2 by changing the saturation by 10% instead.



■ 2D9AD2

■ 2D9AD2

FFFFFF

■ 0080B6

■ 74D0FF

■ 00679B

■ 93EDFF

■ 004F81

■ B1FFFF

■ 003868

■ CFFFFFF

■ 00234F

■ EFFFFFF

■ 000638

■ 000222

■ 000007

■ 000000

■ 2D9AD2

■ 2D9AD2

■ 1893D2

■ 42A1D2

■ 038CD2

■ 57A8D2

■ 008BD2

■ 6CAFD2

■ 81B7D2

■ 96BED2

■ ABC5D2

■ C0CCD2

■ D5D3D2

■ EADAD2

# Harmonies

## Analogous

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



00A1BF



2D9AD2



768FD3

# Triad

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



2D9AD2



D37683



729D5E

# Complementary

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



2D9AD2



D2652D

# 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.



98944D



2D9AD2



CC7D64

# Square

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



2D9AD2



C778A6



B7884F



42A27C

# Rectangle

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



2D9AD2



9987CA



B7884F



7F9A56

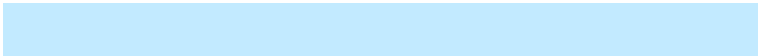


# Sweetspot

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



2D9AD2



C2EAFF



2DD264



5B7380



000000



808080

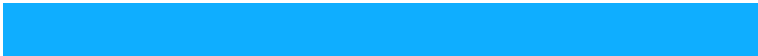


# Same Dimension

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



2D9AD2



0FAEFF



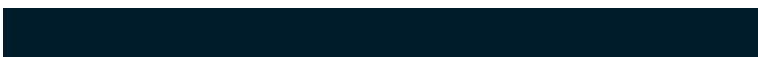
2D49D2



5E6569



006FA8



001B29



# Inverse Universe

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



D22D9A



FF0FAE



D2B72D



695E65



A8006F



29001B



# Previews

## White Background



This preview shows how the Hex color 2D9AD2 looks on a white background.

## Color Contrast Check

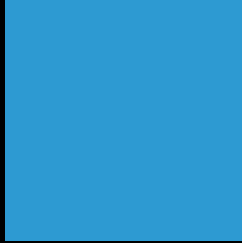
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

# Black Background



This preview shows how the Hex color 2D9AD2 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

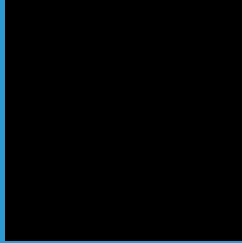
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

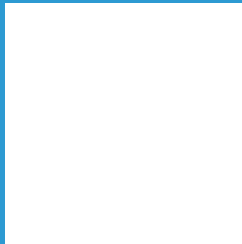
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2D9AD2 Background



This preview shows how black text looks on a background with the Hex color 2D9AD2.

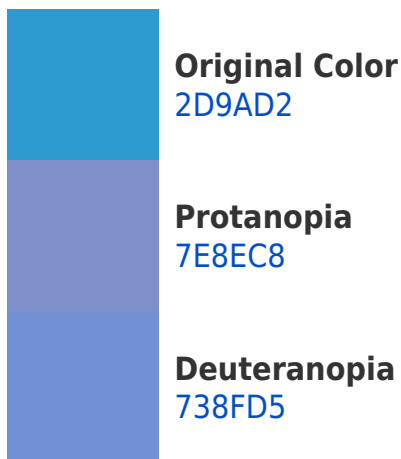


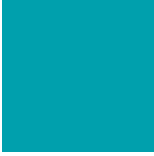
This preview shows how white text looks on a background with the Hex color 2D9AD2.

# 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](#).

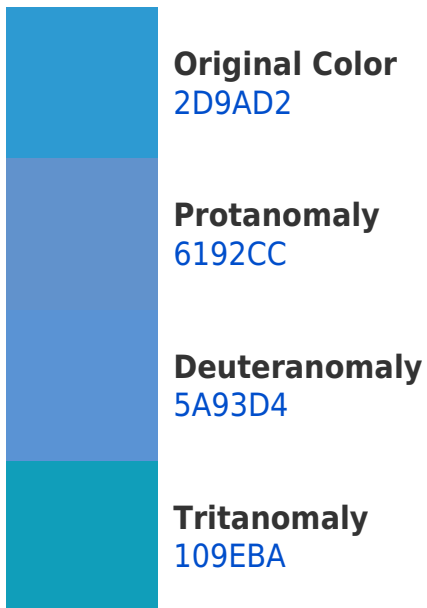
## Dichromacy



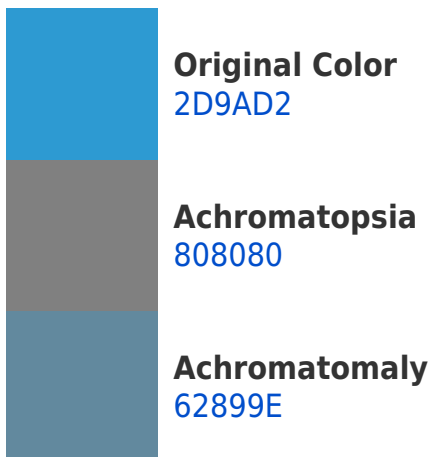


**Tritanopia**  
00A0AD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2D9AD2 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 #2D9AD2 looks like.

```
.text, #text, p{  
    color:#2D9AD2  
}
```

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 #2D9AD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2D9AD2
}
```

## Border

The CSS property to change the border of an element to Hex 2D9AD2 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
#2D9AD2 }
```

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

```
.border{ border-color:#2D9AD2 }
```

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

Here you see how a box with a 4 pixel #2D9AD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2D9AD2; -webkit-box-shadow:4px 4px  
4px 4px #2D9AD2; box-shadow:4px 4px 4px  
4px #2D9AD2 }
```

# Background

The CSS property to change the background color of an element to Hex 2D9AD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2D9AD2 }
```

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

```
.background{ background-color:#2D9AD2 }
```

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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