

# Converting Colors

Hex(2A8DD1)

Have a look what the booklet for  
Hex(2A8DD1) contains.

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# Color

**Hex(2A8DD1)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	2A8DD1
RGB	42, 141, 209
RGB Percent	16%, 55%, 82%
CMY	0.8353, 0.4471, 0.1804
CMYK	0.80, 0.33, 0.00, 0.18
HSL	204°, 67%, 49%
HSV	204°, 80%, 82%
XYZ	21.9883, 24.1454, 63.8232
YIQ	119.1510, -80.8320, 0.1600

# Conversions

## Conversions Part 2

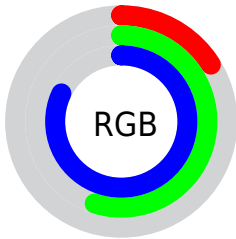
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	42, 104, 209
Decimal	2788817
CIE <sub>Lab</sub>	56.23, -4.41, -42.84
CIE <sub>LCh</sub>	56, 43.066, 264.124
Yxy	24.1454, 0.2000, 0.2196
Android (android.graphics.Color)	4280978897 (0xFF2A8DD1)
YUV	119.1510, 44.2956, -67.6614
Hunter-Lab	49.1380, -6.1161, -42.6126

# Details

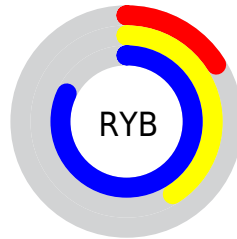
The Hex color **2A8DD1** is a dark color, and the websafe version is hex **3399CC**. The color can be described as dark washed azure. A complement of this color would be **D16E2A**, and the grayscale version is **777777**.

A 20% lighter version of the original color is **71C2FF**, and **005B9A** is the 20% darker color. If you saturate the color by 10%, you get **1584D1**, and if you desaturate by 10%, it is **3F96D1**.

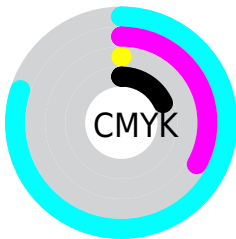
# Distribution



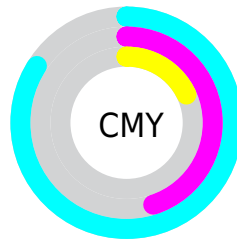
- Red (16%)
- Green (55%)
- Blue (82%)



- Red (16%)
- Yellow (41%)
- Blue (82%)



- Cyan (80%)
- Magenta (33%)
- Yellow (0%)
- Black (18%)



- Cyan (84%)
- Magenta (45%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2A8DD1 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 2A8DD1 by changing the saturation by 10% instead.



■ 2A8DD1

■ 2A8DD1

FFFFFF

■ 0074B5

■ 71C2FF

■ 005B9A

■ 90DEFF

■ 004480

■ AEFBFF

■ 002E66

■ CDFFFF

■ 001B4E

■ EBFFFF

■ 000537

■ 000220

■ 000005

■ 000000

■ 2A8DD1

■ 2A8DD1

■ 1584D1

■ 3F96D1

■ 007CD1

■ 549ED1

■ 69A7D1

■ 7EAFD1

■ 93B8D1

■ A7C0D1

■ BCC9D1

■ D1D1D1

■ E6DAD1

# Harmonies

## Analogous

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



0096C3



2A8DD1



7E80CB

# Triad

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



2A8DD1



CD696A



519659

# Complementary

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



2A8DD1



D16E2A

# 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.



7F8E40



2A8DD1



BF744B

# Square

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



2A8DD1



C86890



A3823A



00997E

# Rectangle

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



2A8DD1



A076BD



A3823A



62934F

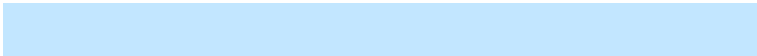


# Sweetspot

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



2A8DD1



C2E6FF



2AD16D



5B7080



000000



808080

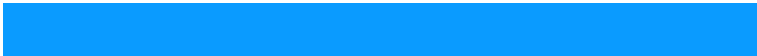


# Same Dimension

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



2A8DD1



0A9BFF



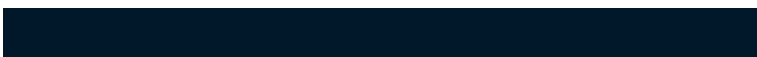
2A3BD1



5E6469



0064A8



001829



# Inverse Universe

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



D12A8D



FF0A9B



D1C02A



695E64



A80064



290018



# Previews

## White Background



This preview shows how the Hex color 2A8DD1 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 2A8DD1 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

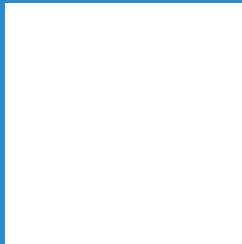
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 2A8DD1 Background



This preview shows how black text looks on a background with the Hex color 2A8DD1.

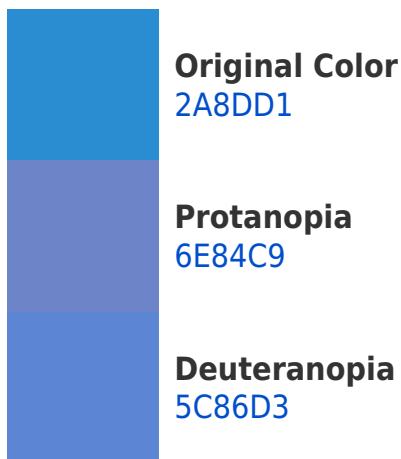


This preview shows how white text looks on a background with the Hex color 2A8DD1.

# 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](#).

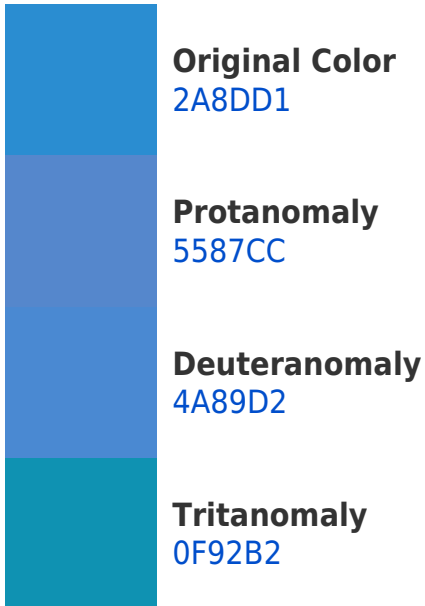
## Dichromacy





**Tritanopia**  
0095A0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2A8DD1 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 #2A8DD1 looks like.

```
.text, #text, p{  
    color:#2A8DD1  
}
```

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 #2A8DD1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2A8DD1
}
```

## Border

The CSS property to change the border of an element to Hex 2A8DD1 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
#2A8DD1 }
```

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

```
.border{ border-color:#2A8DD1 }
```

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

Here you see how a box with a 4 pixel #2A8DD1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2A8DD1; -webkit-box-shadow:4px 4px  
4px 4px #2A8DD1; box-shadow:4px 4px 4px  
4px #2A8DD1 }
```

# Background

The CSS property to change the background color of an element to Hex 2A8DD1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2A8DD1 }
```

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

```
.background{ background-color:#2A8DD1 }
```

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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