

# Converting Colors

Hex(2CA3CE)

Have a look what the booklet for  
Hex(2CA3CE) contains.

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# **Color**

**Hex(2CA3CE)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CA3CE
RGB	44, 163, 206
RGB Percent	17%, 64%, 81%
CMY	0.8275, 0.3608, 0.1922
CMYK	0.79, 0.21, 0.00, 0.19
HSL	196°, 65%, 49%
HSV	196°, 79%, 81%
XYZ	25.2765, 31.1861, 63.0798
YIQ	132.3210, -84.7270, -11.8550

# Conversions

## Conversions Part 2

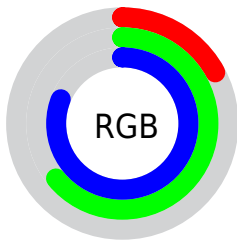
<b>Format</b>	<b>Color</b>
<b>RYB</b>	44, 113, 206
Decimal	2925518
CIELab	62.66, -17.53, -31.10
CIELCh	63, 35.702, 240.584
Yxy	31.1861, 0.2114, 0.2609
Android (android.graphics.Color)	4281115598 (0xFF2CA3CE)
YUV	132.3210, 36.3237, -77.4575
Hunter-Lab	55.8445, -16.9348, -27.8806

# Details

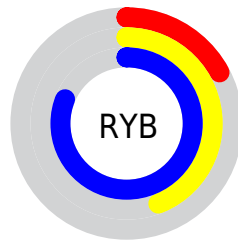
The Hex color **2CA3CE** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle muted azure. A complement of this color would be **CE572C**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **73DAFF**, and **006F98** is the 20% darker color. If you saturate the color by 10%, you get **179ECE**, and if you desaturate by 10%, it is **41A8CE**.

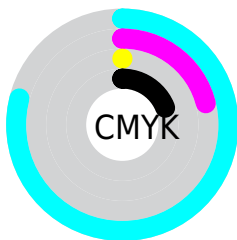
# Distribution



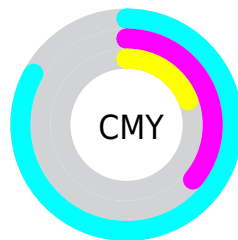
- Red (17%)
- Green (64%)
- Blue (81%)



- Red (17%)
- Yellow (44%)
- Blue (81%)



- Cyan (79%)
- Magenta (21%)
- Yellow (0%)
- Black (19%)



- Cyan (83%)
- Magenta (36%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CA3CE 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 2CA3CE by changing the saturation by 10% instead.




 2CA3CE

 2CA3CE

FFFFFF

 0089B2

 73DAFF

 006F98

 92F6FF

 00577D

 B0FFFF

 003F64


 CFFFFFF


 00294C

 EDFFFF

 001435

 00021F

 000003

 000000

■ 2CA3CE

■ 2CA3CE

■ 179ECE

■ 41A8CE

■ 0398CE

■ 55AECE

■ 0097CE

■ 6AB3CE

■ 7EB9CE

■ 93BECE

■ A8C4CE

■ BCC9CE

■ D1CFCE

■ E5D4CE

# Harmonies

## Analogous

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



00A8B7



2CA3CE



6A9AD7

# Triad

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



2CA3CE



D37F98



8B9F60

# Complementary

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



2CA3CE



CE572C

# 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.



AC9657



2CA3CE



D48279

# Square

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



2CA3CE



C084B7



C58B61



64A677

# Rectangle

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



2CA3CE



8C93D3



C58B61



969C5B

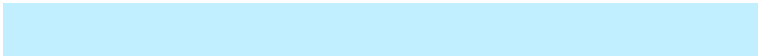


# Sweetspot

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



2CA3CE



C2EFFF



2CCE55



5B7680



000000



808080



# Same Dimension

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



2CA3CE



0FBFFF



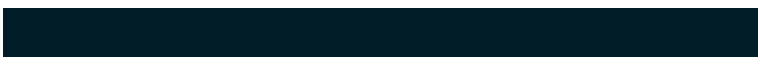
2C55CE



5C6366



007AA6



001C26



# Inverse Universe

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



CE2CA3



FF0FBF



CEA62C



665C63



A6007A



26001C



# Previews

## White Background



This preview shows how the Hex color 2CA3CE looks on a white background.

## Color Contrast Check

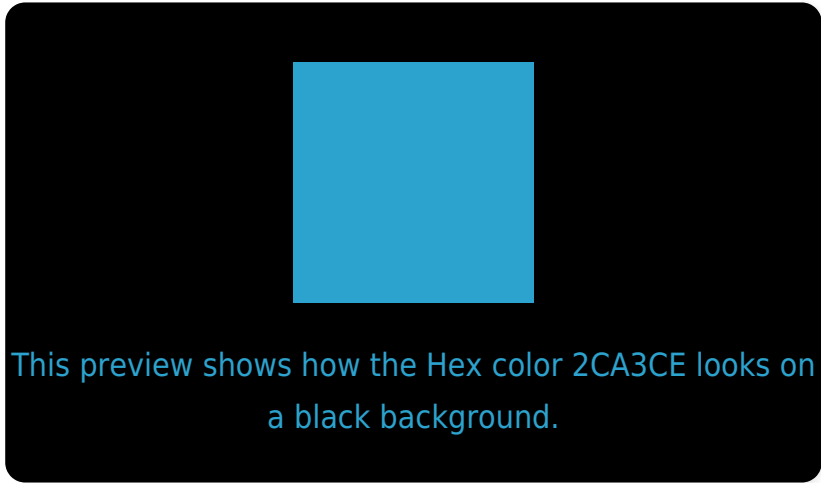
Large Text (above 18pt) WCAG AA × Fail

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

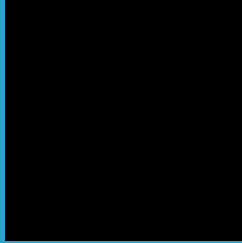
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 2CA3CE Background



This preview shows how black text looks on a background with the Hex color 2CA3CE.

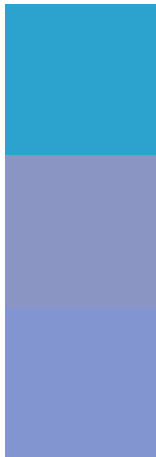


This preview shows how white text looks on a background with the Hex color 2CA3CE.

# 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](#).

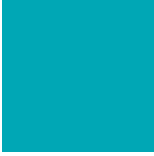
## Dichromacy



**Original Color**  
2CA3CE

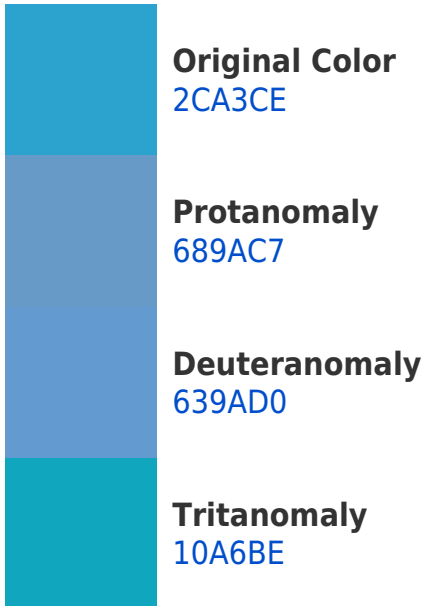
**Protanopia**  
8A95C3

**Deuteranopia**  
8395D1



**Tritanopia**  
00A7B5

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CA3CE 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 #2CA3CE looks like.

```
.text, #text, p{  
    color:#2CA3CE  
}
```

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 #2CA3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CA3CE
}
```

## Border

The CSS property to change the border of an element to Hex 2CA3CE 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
#2CA3CE }
```

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

```
.border{ border-color:#2CA3CE }
```

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

Here you see how a box with a 4 pixel #2CA3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CA3CE; -webkit-box-shadow:4px 4px  
4px 4px #2CA3CE; box-shadow:4px 4px 4px  
4px #2CA3CE }
```

# Background

The CSS property to change the background color of an element to Hex 2CA3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CA3CE }
```

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

```
.background{ background-color:#2CA3CE }
```

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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