

# Converting Colors

Hex(2CD9E8)

Have a look what the booklet for  
Hex(2CD9E8) contains.

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# Color

**Hex(2CD9E8)**

# Conversions

## Conversions Part 1

Format	Color
Hex	2CD9E8
RGB	44, 217, 232
RGB Percent	17%, 85%, 91%
CMY	0.8275, 0.1490, 0.0902
CMYK	0.81, 0.06, 0.00, 0.09
HSL	185°, 80%, 54%
HSV	185°, 81%, 91%
XYZ	40.4170, 55.9874, 85.0204
YIQ	166.9830, -107.9230, -32.0110

# Conversions

## Conversions Part 2

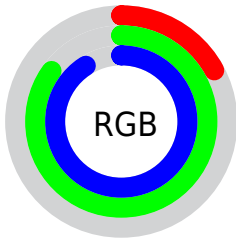
Format	Color
R <sub>Y</sub> B	44, 134, 232
Decimal	2939368
CIE Lab	79.61, -36.11, -19.33
CIE LCh	80, 40.954, 208.164
Yxy	55.9874, 0.2228, 0.3086
Android (android.graphics.Color)	4281129448 (0xFF2CD9E8)
YUV	166.9830, 32.0534, -107.8561
Hunter-Lab	74.8247, -34.5253, -14.9916

# Details

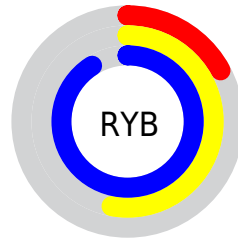
The Hex color **2CD9E8** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E83B2C**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **7CFFFF**, and **00A2B0** is the 20% darker color. If you saturate the color by 10%, you get **15D7E8**, and if you desaturate by 10%, it is **43DBE8**.

# Distribution



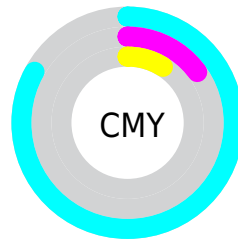
- Red (17%)
- Green (85%)
- Blue (91%)



- Red (17%)
- Yellow (53%)
- Blue (91%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (9%)



- Cyan (83%)
- Magenta (15%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 2CD9E8 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 2CD9E8 by changing the saturation by 10% instead.



 2CD9E8

 2CD9E8

FFFFFF

 00BDCC

 7CFFFF

 00A2B0

 9DFFFF

 008796

 BDFFFF

 006D7C

 DCFFFF

 005463

 FCFFFF

 003C4B

 002734

 000220

 000003

 2CD9E8

 2CD9E8

 15D7E8

 43DBE8

 00D5E8

 5ADDE8

 72DFE8

 89E0E8

 A0E2E8

 B7E4E8

 CEE6E8

 E6E8E8

 FDEAE8

# Harmonies

## Analogous

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



5ADAC2



2CD9E8



49D4FF

# Triad

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



2CD9E8



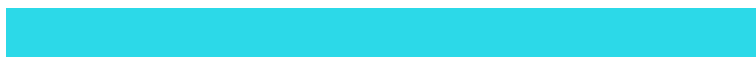
F3AFEE



E1C278

# Complementary

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



2CD9E8



E83B2C

# 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.



FFB586



2CD9E8



FFA8C9

# Square

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



2CD9E8



C6BCFF



FFAAA3



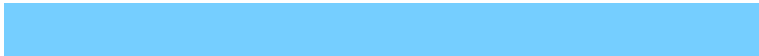
B9CE81

# Rectangle

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



2CD9E8



75CEFF



FFAAA3



ECBE7B



# Sweetspot

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



2CD9E8



C2FAFF



2CE839



5B7D80



000000



808080



# Same Dimension

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



2CD9E8



08EBFF



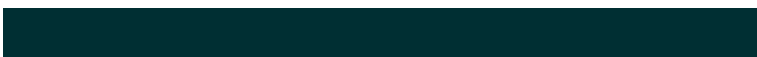
2C7DE8



677273



00A4B3



002F33



# Inverse Universe

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



E82CD9



FF08EB



E8972C



736772



B300A4

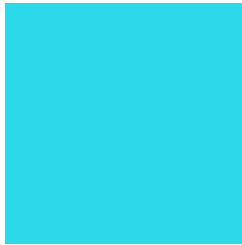


33002F



# Previews

## White Background



This preview shows how the Hex color 2CD9E8 looks on a white background.

## Color Contrast Check

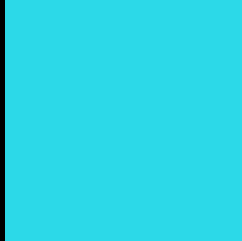
Large Text (above 18pt) WCAG AA × Fail

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 2CD9E8 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 2CD9E8 Background



This preview shows how black text looks on a background with the Hex color 2CD9E8.

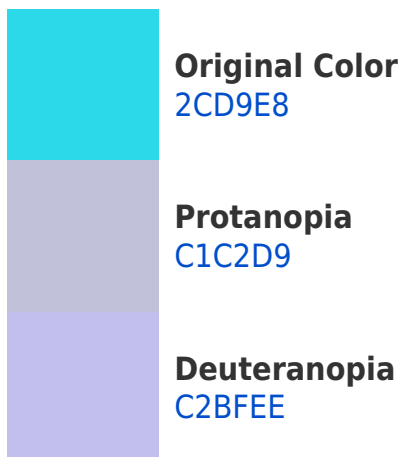


This preview shows how white text looks on a background with the Hex color 2CD9E8.

# 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



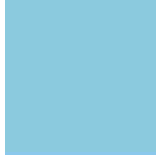


**Tritanopia**  
2ED9EA

# Trichromacy



**Original Color**  
2CD9E8



**Protanomaly**  
8BCADE



**Deuteranomaly**  
8BC8EC

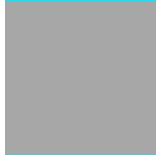


**Tritanomaly**  
2DD9E9

# Monochromacy



**Original Color**  
2CD9E8



**Achromatopsia**  
A7A7A7



**Achromatomaly**  
7AB9BF

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 2CD9E8 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 #2CD9E8 looks like.

```
.text, #text, p{  
    color:#2CD9E8  
}
```

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 #2CD9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #2CD9E8
}
```

## Border

The CSS property to change the border of an element to Hex 2CD9E8 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
#2CD9E8 }
```

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

```
.border{ border-color:#2CD9E8 }
```

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

Here you see how a box with a 4 pixel #2CD9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #2CD9E8; -webkit-box-shadow:4px 4px  
4px 4px #2CD9E8; box-shadow:4px 4px 4px  
4px #2CD9E8 }
```

# Background

The CSS property to change the background color of an element to Hex 2CD9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#2CD9E8 }
```

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

```
.background{ background-color:#2CD9E8 }
```

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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