

# Converting Colors

Hex(29CDCD)

Have a look what the booklet for  
Hex(29CDCD) contains.

<b>Hex(29CDCD)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	11
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	26
<i><b>CSS Examples</b></i> .....	29

# Color

**Hex(29CDCD)**

# Conversions

## Conversions Part 1

Format	Color
Hex	29CDCD
RGB	41, 205, 205
RGB Percent	16%, 80%, 80%
CMY	0.8392, 0.1961, 0.1961
CMYK	0.80, 0.00, 0.00, 0.20
HSL	180°, 67%, 48%
HSV	180°, 80%, 80%
XYZ	33.7652, 48.5418, 65.3475
YIQ	155.9640, -97.7440, -34.7680

# Conversions

## Conversions Part 2

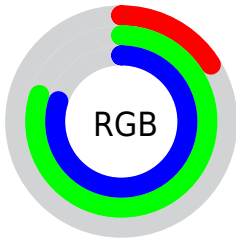
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	41, 123, 205
Decimal	2739661
CIE <sub>Lab</sub>	75.17, -38.84, -11.52
CIE <sub>LCh</sub>	75, 40.510, 196.522
Yxy	48.5418, 0.2287, 0.3288
Android (android.graphics.Color)	4280929741 (0xFF29CDCD)
YUV	155.9640, 24.1747, -100.8234
Hunter-Lab	69.6720, -35.4193, -6.8396

# Details

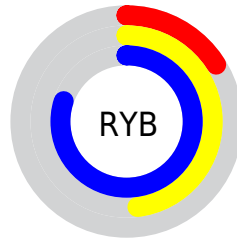
The Hex color **29CD CD** is a dark color, and the websafe version is hex **33CC CC**. The color can be described as middle muted cyan. A complement of this color would be **CD29 29**, and the grayscale version is **9C9C 9C**.

A 20% lighter version of the original color is **76FF FF**, and **0096 97** is the 20% darker color. If you saturate the color by 10%, you get **14CD CD**, and if you desaturate by 10%, it is **3E CD CD**.

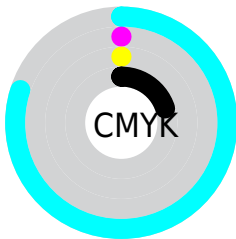
# Distribution



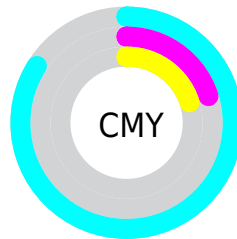
- Red (16%)
- Green (80%)
- Blue (80%)



- Red (16%)
- Yellow (48%)
- Blue (80%)



- Cyan (80%)
- Magenta (0%)
- Yellow (0%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 29CDCD 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 29CDCD by changing the saturation by 10% instead.



 29CDCD

 29CDCD

FFFFFF

 00B1B2

 76FFFF

 009697

 96FFFF

 007C7D

 B5FFFF

 006264

 D4FFFF

 00494C

 F3FFFF

 003236

 001C20

 000008

 000000

■ 29CDCD

■ 29CDCD

■ 14CDCD

■ 3ECDCD

■ 00CDCD

■ 52CDCD

■ 67CDCD

■ 7BCDCD

■ 90CDCD

■ A4CDCD

■ B9CDCD

■ CDCDCD

■ E2CDCD

# Harmonies

## Analogous

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



63CCA6



29CDDC



1DCAEE

# Triad

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



29CDCD



D7A8ED



E0B171

# Complementary

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



29CDCD



CD2929

# 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.



F9A485



29CDDC



F79ECC

# Square

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



29CDCD



A4B6FF



FF9DA6



BDBD70

# Rectangle

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



29CD CD



4DC5 FD



FF9D A6



EAAD 75



# Sweetspot

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



29CDCD



C2FFFF



29CD29



5B8080



000000



808080



# Same Dimension

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



29CDDC



0AFFFF



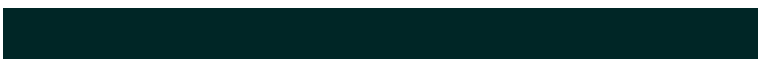
297BCD



5C6666



00A6A6



002626



# Inverse Universe

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



CD29CD



FF0AFF



CD7B29



665C66



A600A6

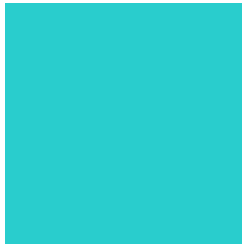


260026



# Previews

## White Background



This preview shows how the Hex color 29CD CD looks on a white background.

## Color Contrast Check

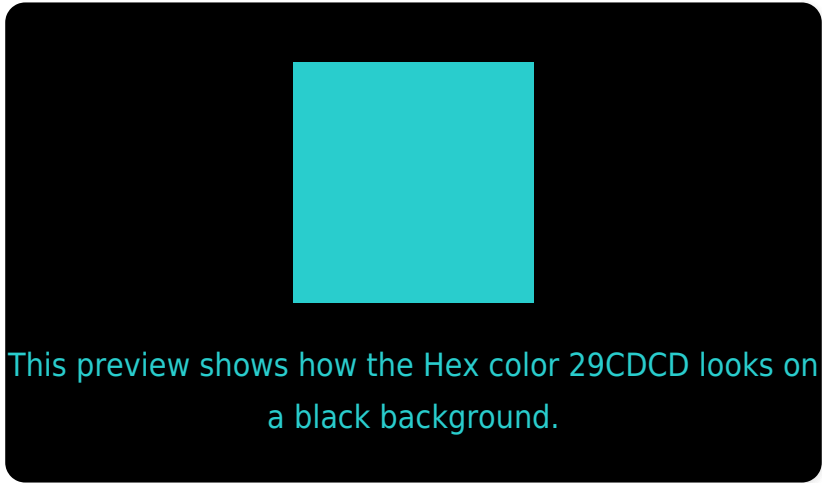
Large Text (above 18pt) WCAG AA × Fail

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

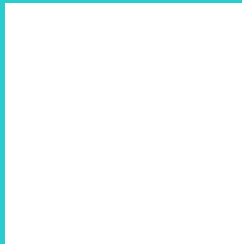
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 29CDCD Background



This preview shows how black text looks on a background with the Hex color 29CDCD.



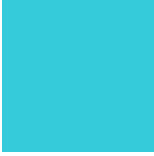
This preview shows how white text looks on a background with the Hex color 29CDCD.

# 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**  
36CBDB

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 29CDCD 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 #29CDCD looks like.

```
.text, #text, p{  
    color:#29CDCD  
}
```

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 #29CDCD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CDCD
}
```

## Border

The CSS property to change the border of an element to Hex 29CDCD 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
#29CDCD }
```

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

```
.border{ border-color:#29CDCD }
```

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

Here you see how a box with a 4 pixel #29CDCD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CDCD; -webkit-box-shadow:4px 4px  
4px 4px #29CDCD; box-shadow:4px 4px 4px  
4px #29CDCD }
```

# Background

The CSS property to change the background color of an element to Hex 29CDCD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CDCD }
```

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

```
.background{ background-color:#29CDCD }
```

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](#).



Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor