

Converting Colors

Hex(29CCCA)

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

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

Color

Hex(29CCCA)

Conversions

Conversions Part 1

Format	Color
Hex	29CCCA
RGB	41, 204, 202
RGB Percent	16%, 80%, 79%
CMY	0.8392, 0.2000, 0.2078
CMYK	0.80, 0.00, 0.01, 0.20
HSL	179°, 67%, 48%
HSV	179°, 80%, 80%
XYZ	33.1680, 47.9214, 63.3787
YIQ	155.0350, -96.5060, -35.1780

Conversions

Conversions Part 2

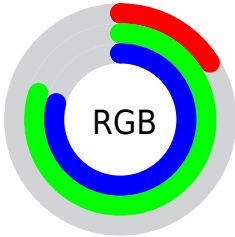
Format	Color
RYB	41, 123, 204
Decimal	2739402
CIELab	74.78, -39.26, -10.48
CIELCh	75, 40.631, 194.949
Yxy	47.9214, 0.2296, 0.3317
Android (android.graphics.Color)	4280929482 (0xFF29CCCA)
YUV	155.0350, 23.1537, -100.0087
Hunter-Lab	69.2253, -35.6194, -5.8248

Details

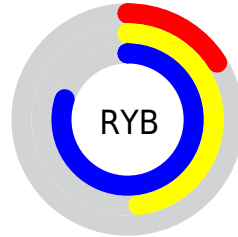
The Hex color **29CCCA** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CC292B**, and the grayscale version is **9B9B9B**.

A 20% lighter version of the original color is **76FFFF**, and **009594** is the 20% darker color. If you saturate the color by 10%, you get **15CCCA**, and if you desaturate by 10%, it is **3DCCCA**.

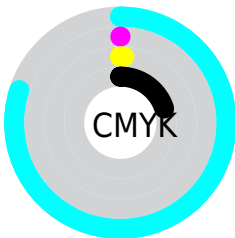
Distribution



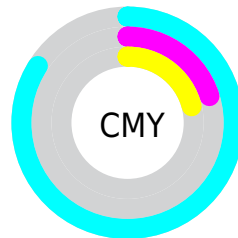
- Red (16%)
- Green (80%)
- Blue (79%)



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



- Cyan (80%)
- Magenta (0%)
- Yellow (1%)
- Black (20%)



- Cyan (84%)
- Magenta (20%)
- Yellow (21%)

Brightness & Saturation Gradients

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

 29CCCA

 29CCCA

FFFFFF

 00B0AF

 76FFFF

 009594

 96FFFF

 007B7A

 B5FFFF

 006162

 D4FFFF

 00494A

 F3FFFF

 003133

 001A1E

 000004

 000000

 29CCCA

 29CCCA

 15CCCA

 3DCCCA

 00CCC9

 52CCCB

 66CCCB

 7BCCCB

 8FCCCB

 A3CCCC

 B8CCCC

 CCCCCC

 E1CCCC

Harmonies

Analogous

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



64CBA3



29CCCA



12C9EC

Triad

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



29CCCA



D4A8ED



E1AF70

Complementary

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



29CCCA



CC292B

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.



F9A385



29CCCA



F59DCC

Square

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



29CCCA



A0B5FF



FF9BA7



BEBC6F

Rectangle

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



29CCCA



47C4FB



FF9BA7



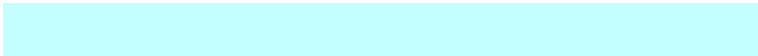
EAAB75

Sweetspot

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



29CCCA



C2FFFE



2CCC29



5B807F



000000



808080

Same Dimension

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



29CCCA



0AFFFC



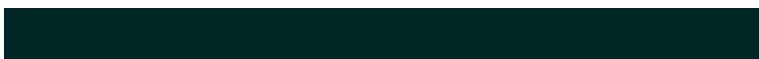
297DCC



5C6666



00A6A4



002626

Inverse Universe

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



CC292B



FF0A0D



CC7829



665C5C



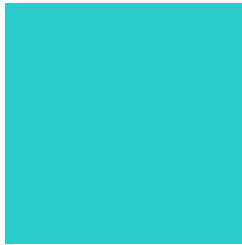
A60002



260000

Previews

White Background



This preview shows how the Hex color 29CCCA 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 29CCCA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

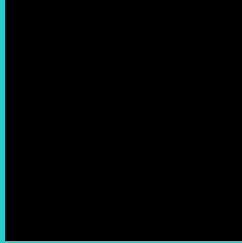
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

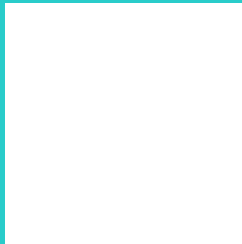
Any Text WCAG AAA ✓ Pass

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

Hex 29CCCA Background



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

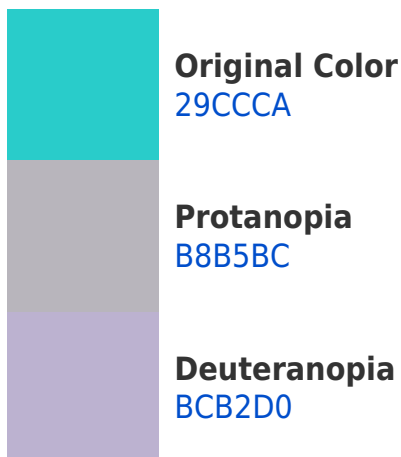


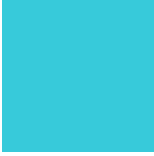
This preview shows how white text looks on a background with the Hex color 29CCCA.

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

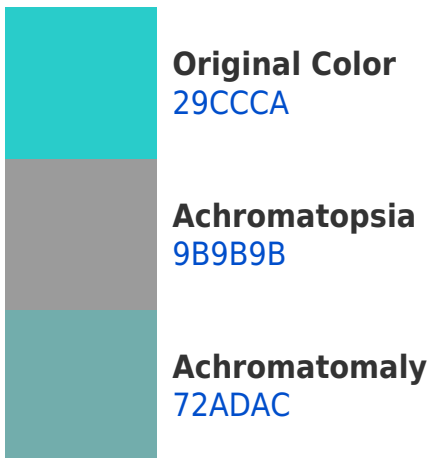




Trichromacy



Monochromacy



CSS Examples

Text

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

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

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 #29CCCA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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