

Converting Colors

Hex(29CBC9)

Have a look what the booklet for
Hex(29CBC9) contains.

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Color

Hex(29CBC9)

Conversions

Conversions Part 1

Format	Color
Hex	29CBC9
RGB	41, 203, 201
RGB Percent	16%, 80%, 79%
CMY	0.8392, 0.2039, 0.2118
CMYK	0.80, 0.00, 0.01, 0.20
HSL	179°, 66%, 48%
HSV	179°, 80%, 80%
XYZ	32.8130, 47.4003, 62.6781
YIQ	154.3340, -95.9100, -34.9660

Conversions

Conversions Part 2

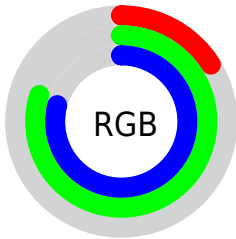
Format	Color
RYB	41, 123, 203
Decimal	2739145
CIELab	74.45, -39.09, -10.43
CIELCh	74, 40.461, 194.942
Yxy	47.4003, 0.2296, 0.3317
Android (android.graphics.Color)	4280929225 (0xFF29CBC9)
YUV	154.3340, 23.0063, -99.3939
Hunter-Lab	68.8479, -35.4105, -5.7832

Details

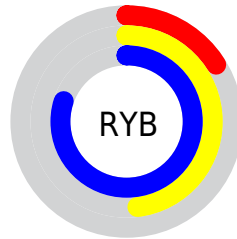
The Hex color **29CBC9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CB292B**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **75FFFF**, and **009493** is the 20% darker color. If you saturate the color by 10%, you get **15CBC9**, and if you desaturate by 10%, it is **3DCBC9**.

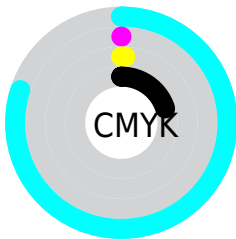
Distribution



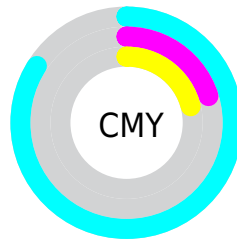
- Red (16%)
- Green (80%)
- Blue (79%)



- 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 29CBC9 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 29CBC9 by changing the saturation by 10% instead.

 29CBC9

 29CBC9

FFFFFF

 00AFAE


 75FFFF

 009493

 95FFFF

 007A79

 B4FFFF

 006061


 D3FFFF

 004849

 F2FFFF

 003032

 00191E

 000002

 000000

■ 29CBC9

■ 29CBC9

■ 15CBC9

■ 3DCBC9

■ 00CBC8

■ 52CBCA

■ 66CBCA

■ 7ACBCA

■ 8FCBCA

■ A3CBCB

■ B7CBCB

■ CBCBCB

■ E0CBCB

Harmonies

Analogous

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



64CAA3



29CBC9



13C8EB

Triad

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



29CBC9



D3A7EC



E0AE6F

Complementary

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



29CBC9



CB292B

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.



F8A284



29CBC9



F49CCB

Square

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



29CBC9



9FB4FF



FF9AA6



BDBB6E

Rectangle

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



29CBC9



47C3FA



FF9AA6



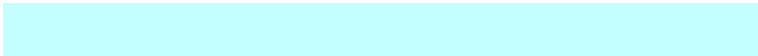
E9AA74

Sweetspot

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



29CBC9



C2FFFE



2CCB29



5B807F



000000



808080

Same Dimension

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



29CBC9



0AFFFC



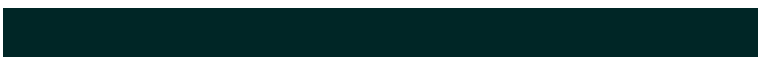
297DCB



5C6666



00A6A4



002626

Inverse Universe

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



CB292B



FF0A0D



CB7729



665C5C



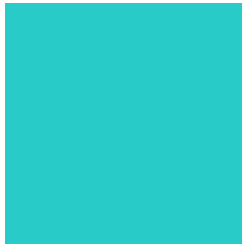
A60002



260000

Previews

White Background



This preview shows how the Hex color 29CBC9 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 29CBC9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

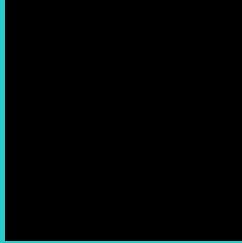
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

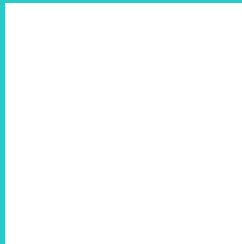
Any Text WCAG AAA ✓ Pass

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

Hex 29CBC9 Background



This preview shows how black text looks on a background with the Hex color 29CBC9.



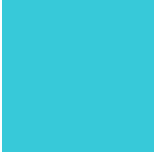
This preview shows how white text looks on a background with the Hex color 29CBC9.

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
37C9D9

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 29CBC9 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 #29CBC9 looks like.

```
.text, #text, p{  
    color:#29CBC9  
}
```

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 #29CBC9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #29CBC9
}
```

Border

The CSS property to change the border of an element to Hex 29CBC9 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
#29CBC9 }
```

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

```
.border{ border-color:#29CBC9 }
```

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

Here you see how a box with a 4 pixel #29CBC9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #29CBC9; -webkit-box-shadow:4px 4px  
4px 4px #29CBC9; box-shadow:4px 4px 4px  
4px #29CBC9 }
```

Background

The CSS property to change the background color of an element to Hex 29CBC9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#29CBC9 }
```

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

```
.background{ background-color:#29CBC9 }
```

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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