

Converting Colors

Hex(28CBD9)

Have a look what the booklet for
Hex(28CBD9) contains.

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Color

Hex(28CBD9)

Conversions

Conversions Part 1

Format	Color
Hex	28CBD9
RGB	40, 203, 217
RGB Percent	16%, 80%, 85%
CMY	0.8431, 0.2039, 0.1490
CMYK	0.82, 0.06, 0.00, 0.15
HSL	185°, 70%, 50%
HSV	185°, 82%, 85%
XYZ	34.7554, 48.1727, 73.1121
YIQ	155.8590, -101.6420, -30.2020

Conversions

Conversions Part 2

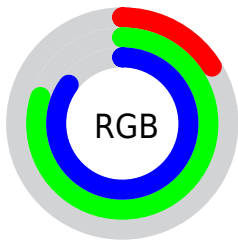
Format	Color
RYB	40, 125, 217
Decimal	2673625
CIELab	74.93, -34.41, -18.35
CIELCh	75, 38.999, 208.073
Yxy	48.1727, 0.2227, 0.3087
Android (android.graphics.Color)	4280863705 (0xFF28CBD9)
YUV	155.8590, 30.1425, -101.6083
Hunter-Lab	69.4066, -32.0775, -13.8708

Details

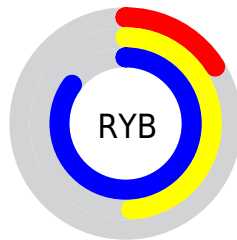
The Hex color **28CBD9** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **D93628**, and the grayscale version is **9C9C9C**.

A 20% lighter version of the original color is **77FFFF**, and **0094A2** is the 20% darker color. If you saturate the color by 10%, you get **12C9D9**, and if you desaturate by 10%, it is **3ECDD9**.

Distribution



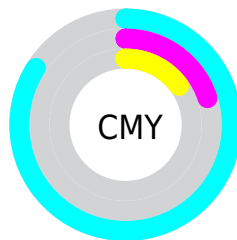
- Red (16%)
- Green (80%)
- Blue (85%)



- Red (16%)
- Yellow (49%)
- Blue (85%)



- Cyan (82%)
- Magenta (6%)
- Yellow (0%)
- Black (15%)



- Cyan (84%)
- Magenta (20%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28CBD9 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 28CBD9 by changing the saturation by 10% instead.

 28CBD9

 28CBD9

FFFFFF

 00AFBD

 77FFFF

 0094A2

 97FFFF

 007A88

 B6FFFF

 00616F

 D6FFFF

 004856

 F5FFFF

 00313F

 001B29

 000114

 000000

 28CBD9

 28CBD9

 12C9D9

 3ECDD9

 00C8D9

 53CED9

 69D0D9

 7FD2D9

 95D4D9

 AAD5D9

 C0D7D9

 D6D9D9

 EBDAD9

Harmonies

Analogous

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



54CCB5



28CBD9



43C6F4

Triad

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



28CBD9



E4A4DF



D2B570

Complementary

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



28CBD9



D93628

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.



EFA97D



28CBD9



FB9DBC

Square

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



28CBD9



B9B0F8



FE9F98



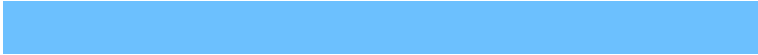
ADC078

Rectangle

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



28CBD9



6CC0FE



FE9F98



DDB172

Sweetspot

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



28CBD9



C2FAFF



28D934



5B7D80



000000



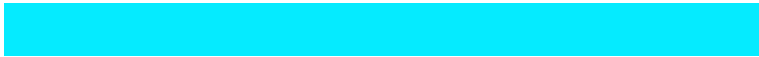
808080

Same Dimension

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



28CBD9



05EBFF



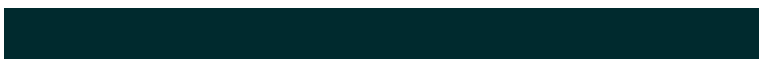
2875D9



636D6E



00A0AD



002A2E

Inverse Universe

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



D928CB



FF05EB



D98C28



6E636D



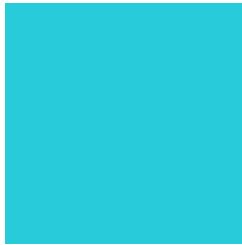
AD00A0



2E002A

Previews

White Background



This preview shows how the Hex color 28CBD9 looks on a white background.

Color Contrast Check

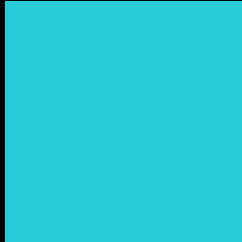
Large Text (above 18pt) WCAG AA × Fail

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 28CBD9 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 28CBD9 Background



This preview shows how black text looks on a background with the Hex color 28CBD9.

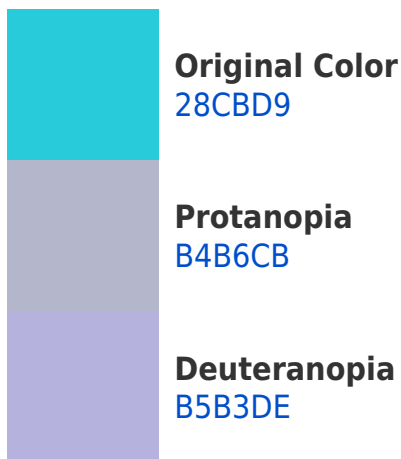


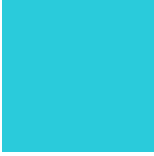
This preview shows how white text looks on a background with the Hex color 28CBD9.

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



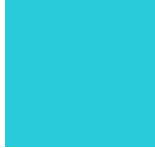
Original Color
28CBD9



Protanomaly
81BED0



Deuteranomaly
82BCDC

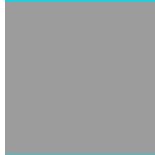


Tritanomaly
29CBDA

Monochromacy



Original Color
28CBD9



Achromatopsia
9C9C9C



Achromatomaly
72ADB2

CSS Examples

Text

The CSS property to change the color of the text to Hex 28CBD9 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 #28CBD9 looks like.

```
.text, #text, p{  
    color:#28CBD9  
}
```

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 #28CBD9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28CBD9
}
```

Border

The CSS property to change the border of an element to Hex 28CBD9 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
#28CBD9 }
```

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

```
.border{ border-color:#28CBD9 }
```

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

Here you see how a box with a 4 pixel #28CBD9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28CBD9; -webkit-box-shadow:4px 4px  
4px 4px #28CBD9; box-shadow:4px 4px 4px  
4px #28CBD9 }
```

Background

The CSS property to change the background color of an element to Hex 28CBD9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28CBD9 }
```

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

```
.background{ background-color:#28CBD9 }
```

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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