

Converting Colors

Hex(28C2DD)

Have a look what the booklet for
Hex(28C2DD) contains.

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Color

Hex(28C2DD)

Conversions

Conversions Part 1

Format	Color
Hex	28C2DD
RGB	40, 194, 221
RGB Percent	16%, 76%, 87%
CMY	0.8431, 0.2392, 0.1333
CMYK	0.82, 0.12, 0.00, 0.13
HSL	189°, 73%, 51%
HSV	189°, 82%, 87%
XYZ	33.2180, 44.2551, 75.1979
YIQ	151.0320, -100.4510, -24.2510

Conversions

Conversions Part 2

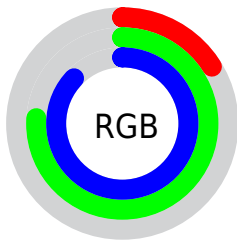
Format	Color
R _Y B	40, 123, 221
Decimal	2671325
CIE Lab	72.40, -28.84, -24.37
CIE LCh	72, 37.756, 220.207
Yxy	44.2551, 0.2176, 0.2899
Android (android.graphics.Color)	4280861405 (0xFF28C2DD)
YUV	151.0320, 34.4942, -97.3751
Hunter-Lab	66.5245, -27.2867, -20.4530

Details

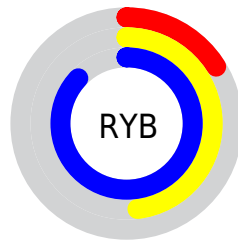
The Hex color **28C2DD** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **DD4328**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **76FBFF**, and **008CA6** is the 20% darker color. If you saturate the color by 10%, you get **12BFDD**, and if you desaturate by 10%, it is **3EC5DD**.

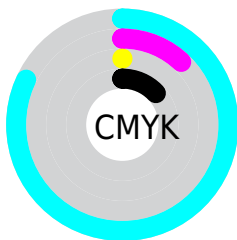
Distribution



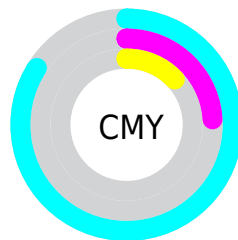
- Red (16%)
- Green (76%)
- Blue (87%)



- Red (16%)
- Yellow (48%)
- Blue (87%)



- Cyan (82%)
- Magenta (12%)
- Yellow (0%)
- Black (13%)



- Cyan (84%)
- Magenta (24%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28C2DD 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 28C2DD by changing the saturation by 10% instead.

 28C2DD

 28C2DD

FFFFFF

 00A7C1

 76FBFF

 008CA6

 96FFFF

 00728B

 B6FFFF

 005972


 D5FFFF

 004159

 F4FFFF

 002B42

 00122C

 000117

 000000

■ 28C2DD

■ 28C2DD

■ 12BFDD

■ 3EC5DD

■ 00BCDD

■ 54C9DD

■ 6ACCDD

■ 80CFDD

■ 97D2DD

■ ADD6DD

■ C3D9DD

■ D9DCDD

■ EFE0DD

Harmonies

Analogous

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



3EC4BD



28C2DD



59BBF2

Triad

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



28C2DD



E69ACA



BDB36D

Complementary

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



28C2DD



DD4328

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.



DCA871



28C2DD



F597A7

Square

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



28C2DD



C5A4E6



F09C87



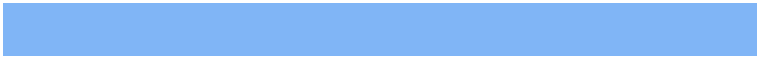
97BD7C

Rectangle

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



28C2DD



80B5F6



F09C87



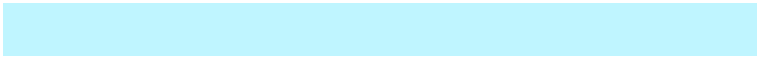
C8B06C

Sweetspot

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



28C2DD



BFF5FF



28DD40



597A80



000000



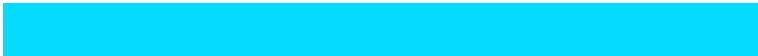
808080

Same Dimension

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



28C2DD



05DAFF



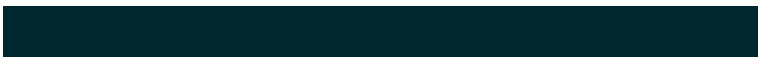
286ADD



636C6E



0094AD



00272E

Inverse Universe

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



DD28C2



FF05DA



DD9B28



6E636C



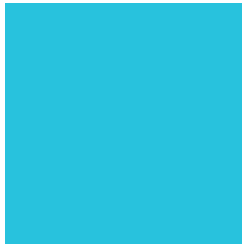
AD0094



2E0027

Previews

White Background



This preview shows how the Hex color 28C2DD 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 28C2DD looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

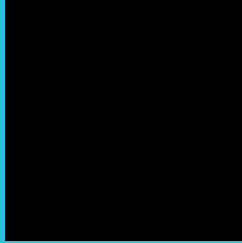
Any Text WCAG AA ✓ Pass

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 28C2DD Background



This preview shows how black text looks on a background with the Hex color 28C2DD.

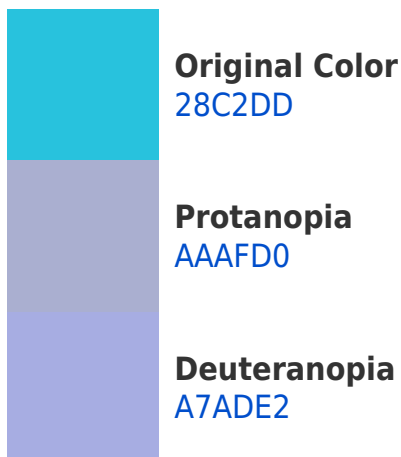


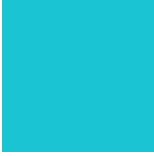
This preview shows how white text looks on a background with the Hex color 28C2DD.

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](#).

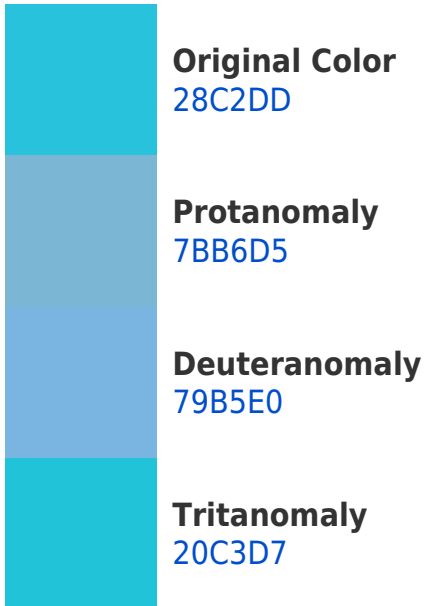
Dichromacy



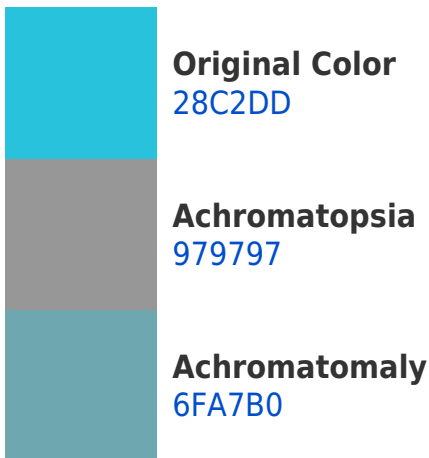


Tritanopia
1BC4D3

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 28C2DD 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 #28C2DD looks like.

```
.text, #text, p{  
    color:#28C2DD  
}
```

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 #28C2DD colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28C2DD
}
```

Border

The CSS property to change the border of an element to Hex 28C2DD 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
#28C2DD }
```

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

```
.border{ border-color:#28C2DD }
```

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

Here you see how a box with a 4 pixel #28C2DD colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28C2DD; -webkit-box-shadow:4px 4px  
4px 4px #28C2DD; box-shadow:4px 4px 4px  
4px #28C2DD }
```

Background

The CSS property to change the background color of an element to Hex 28C2DD is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28C2DD }
```

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

```
.background{ background-color:#28C2DD }
```

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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