

Converting Colors

Hex(28DFD2)

Have a look what the booklet for
Hex(28DFD2) contains.

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Color

Hex(28DFD2)

Conversions

Conversions Part 1

Format	Color
Hex	28DFD2
RGB	40, 223, 210
RGB Percent	16%, 87%, 82%
CMY	0.8431, 0.1255, 0.1765
CMYK	0.82, 0.00, 0.06, 0.13
HSL	176°, 74%, 52%
HSV	176°, 82%, 87%
XYZ	38.8956, 57.8796, 70.0946
YIQ	166.8010, -104.8950, -42.8390

Conversions

Conversions Part 2

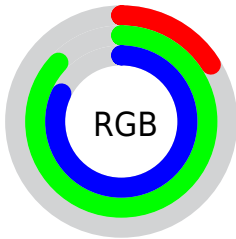
Format	Color
RYB	40, 135, 223
Decimal	2678738
CIELab	80.67, -45.48, -6.02
CIELCh	81, 45.871, 187.536
Yxy	57.8796, 0.2331, 0.3469
Android (android.graphics.Color)	4280868818 (0xFF28DFD2)
YUV	166.8010, 21.2971, -111.2045
Hunter-Lab	76.0787, -41.8786, -1.3715

Details

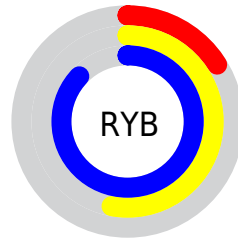
The Hex color **28DFD2** is a light color, and the websafe version is hex **00CCCC**. The color can be described as light washed cyan. A complement of this color would be **DF2835**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **79FFFF**, and **00A79C** is the 20% darker color. If you saturate the color by 10%, you get **12DFD0**, and if you desaturate by 10%, it is **3EDFD4**.

Distribution



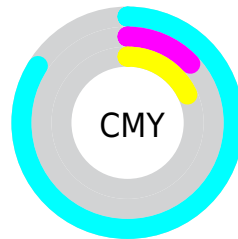
- Red (16%)
- Green (87%)
- Blue (82%)



- Red (16%)
- Yellow (53%)
- Blue (87%)



- Cyan (82%)
- Magenta (0%)
- Yellow (6%)
- Black (13%)



- Cyan (84%)
- Magenta (13%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28DFD2 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 28DFD2 by changing the saturation by 10% instead.

 28DFD2

 28DFD2

FFFFFF

 00C3B6

 79FFFF

 00A79C

 9AFFFF

 008C82

 B9FFFF

 007269

 D9FFFF

 005851

 F8FFFF

 00403A

 002A24

 000510

 000000

■ 28DFD2

■ 28DFD2

■ 12DFD0

■ 3EDFD4

■ 00DFCF

■ 55DFD5

■ 6BDFD7

■ 81DFD8

■ 98DFDA

■ AEDFDC

■ C4DFDD

■ DADDFD

■ F1DFE0

Harmonies

Analogous

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



75DCA6



28DFD2



00DDFB

Triad

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



28DFD2



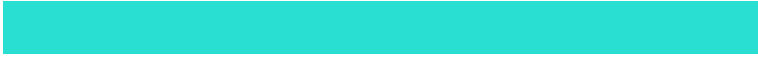
DBB9FF



FFBA79

Complementary

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



28DFD2



DF2835

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.



FFAD96



28DFD2



FFABEA

Square

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



28DFD2



9AC9FF



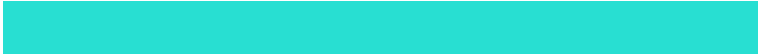
FFA6BF



D9C972

Rectangle

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



28DFD2



15D9FF



FFA6BF



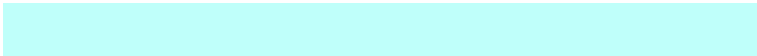
FFB581

Sweetspot

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



28DFD2



BFFFFA



37DF28



59807D



000000



808080

Same Dimension

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



28DFD2



05FFED



2893DF



65706F



00B0A3



00302D

Inverse Universe

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



DF2835



FF0517



DF7428



706566



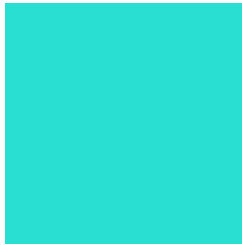
B0000C



300003

Previews

White Background



This preview shows how the Hex color 28DFD2 looks on a white background.

Color Contrast Check

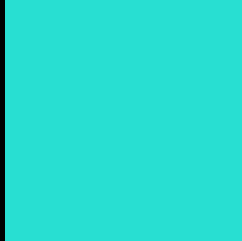
Large Text (above 18pt) WCAG AA × Fail

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 28DFD2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

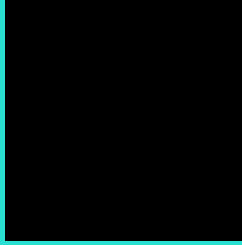
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

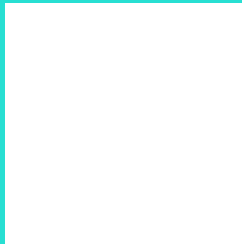
Any Text WCAG AAA ✓ Pass

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

Hex 28DFD2 Background



This preview shows how black text looks on a background with the Hex color 28DFD2.

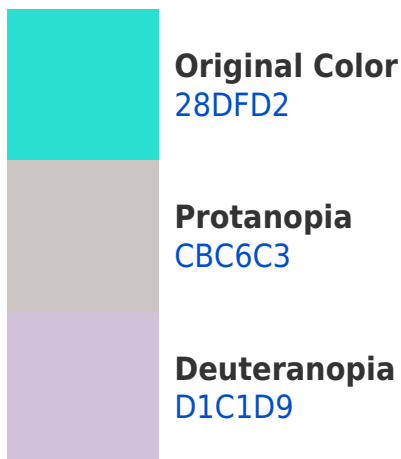


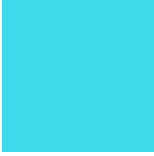
This preview shows how white text looks on a background with the Hex color 28DFD2.

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
3FDBED

Trichromacy



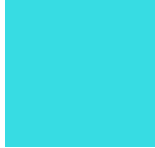
Original Color
28DFD2



Protanomaly
90CFC8



Deuteranomaly
94CCD6

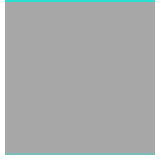


Tritanomaly
37DCE3

Monochromacy



Original Color
28DFD2



Achromatopsia
A7A7A7



Achromatomaly
79BBB7

CSS Examples

Text

The CSS property to change the color of the text to Hex 28DFD2 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 #28DFD2 looks like.

```
.text, #text, p{  
    color:#28DFD2  
}
```

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 #28DFD2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28DFD2
}
```

Border

The CSS property to change the border of an element to Hex 28DFD2 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
#28DFD2 }
```

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

```
.border{ border-color:#28DFD2 }
```

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

Here you see how a box with a 4 pixel #28DFD2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28DFD2; -webkit-box-shadow:4px 4px  
4px 4px #28DFD2; box-shadow:4px 4px 4px  
4px #28DFD2 }
```

Background

The CSS property to change the background color of an element to Hex 28DFD2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28DFD2 }
```

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

```
.background{ background-color:#28DFD2 }
```

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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