

Converting Colors

Hex(28D6E9)

Have a look what the booklet for
Hex(28D6E9) contains.

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Color

Hex(28D6E9)

Conversions

Conversions Part 1

Format	Color
Hex	28D6E9
RGB	40, 214, 233
RGB Percent	16%, 84%, 91%
CMY	0.8431, 0.1608, 0.0863
CMYK	0.83, 0.08, 0.00, 0.09
HSL	186°, 81%, 54%
HSV	186°, 83%, 91%
XYZ	39.6296, 54.4274, 85.5076
YIQ	164.1400, -109.8030, -30.9790

Conversions

Conversions Part 2

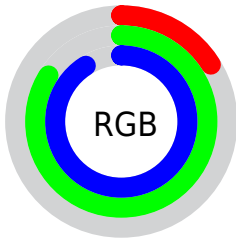
Format	Color
RYB	40, 132, 233
Decimal	2676457
CIELab	78.71, -34.70, -21.23
CIELCh	79, 40.678, 211.455
Yxy	54.4274, 0.2207, 0.3031
Android (android.graphics.Color)	4280866537 (0xFF28D6E9)
YUV	164.1400, 33.9480, -108.8708
Hunter-Lab	73.7750, -33.2215, -17.0766

Details

The Hex color **28D6E9** 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 **E93B28**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **7AFFFF**, and **009FB1** is the 20% darker color. If you saturate the color by 10%, you get **11D4E9**, and if you desaturate by 10%, it is **3FD8E9**.

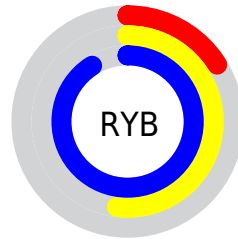
Distribution



Red (16%)

Green (84%)

Blue (91%)



Red (16%)

Yellow (52%)

Blue (91%)

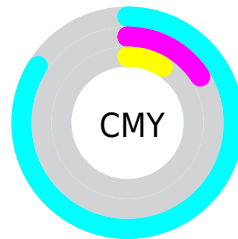


Cyan (83%)

Magenta (8%)

Yellow (0%)

Black (9%)



Cyan (84%)

Magenta (16%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 28D6E9 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 28D6E9 by changing the saturation by 10% instead.

 28D6E9

 28D6E9

FFFFFF

 00BACD

 7AFFFF

 009FB1

 9BFFFF

 008497

 BBFFFF

 006B7D

 DBFFFF

 005264

 FAFFFF

 003A4C

 002535

 000220

 000004

■ 28D6E9

■ 28D6E9

■ 11D4E9

■ 3FD8E9

■ 00D2E9

■ 57DBE9

■ 6EDDE9

■ 85DFE9

■ 9CE1E9

■ B4E4E9

■ CBE6E9

■ E2E8E9

■ FAEBE9

Harmonies

Analogous

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



53D7C3



28D6E9



4ED0FF

Triad

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



28D6E9



F4ACE8



DAC177

Complementary

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



28D6E9



E93B28

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.



F9B481



28D6E9



FFA5C2

Square

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



28D6E9



CAB8FF



FFA99D



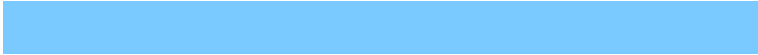
B2CC81

Rectangle

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



28D6E9



7ACAFF



FFA99D



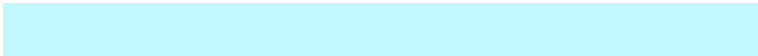
E6BD78

Sweetspot

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



28D6E9



BFF9FF



28E938



597C80



000000



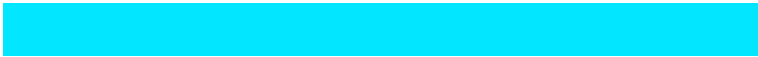
808080

Same Dimension

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



28D6E9



03E6FF



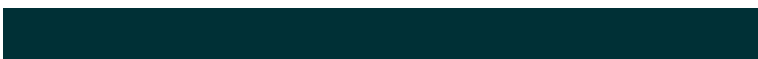
2878E9



6A7475



00A3B5



003036

Inverse Universe

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



E928D6



FF03E6



E99928



756A74



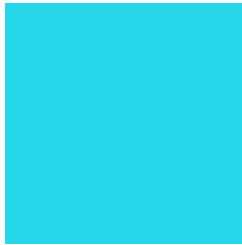
B500A3



360030

Previews

White Background



This preview shows how the Hex color 28D6E9 looks on a white background.

Color Contrast Check

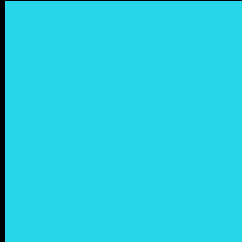
Large Text (above 18pt) WCAG AA × Fail

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 28D6E9 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 28D6E9 Background



This preview shows how black text looks on a background with the Hex color 28D6E9.

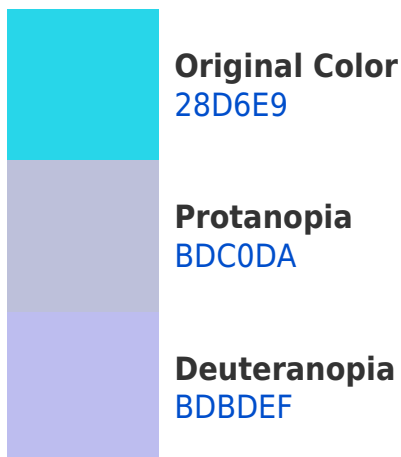


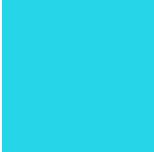
This preview shows how white text looks on a background with the Hex color 28D6E9.

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



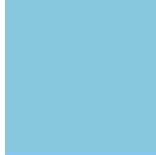


Tritanopia
26D6E8

Trichromacy



Original Color
28D6E9



Protanomaly
87C8DF



Deuteranomaly
87C6ED

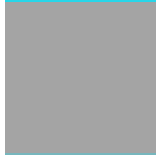


Tritanomaly
27D6E8

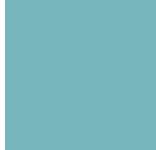
Monochromacy



Original Color
28D6E9



Achromatopsia
A4A4A4



Achromatomaly
77B6BD

CSS Examples

Text

The CSS property to change the color of the text to Hex 28D6E9 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 #28D6E9 looks like.

```
.text, #text, p{  
  color:#28D6E9  
}
```

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 #28D6E9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #28D6E9
}
```

Border

The CSS property to change the border of an element to Hex 28D6E9 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
#28D6E9 }
```

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

```
.border{ border-color:#28D6E9 }
```

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

Here you see how a box with a 4 pixel #28D6E9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #28D6E9; -webkit-box-shadow:4px 4px  
4px 4px #28D6E9; box-shadow:4px 4px 4px  
4px #28D6E9 }
```

Background

The CSS property to change the background color of an element to Hex 28D6E9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#28D6E9 }
```

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

```
.background{ background-color:#28D6E9 }
```

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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