

Converting Colors

Hex(27D9E8)

Have a look what the booklet for
Hex(27D9E8) contains.

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Color

Hex(27D9E8)

Conversions

Conversions Part 1

Format	Color
Hex	27D9E8
RGB	39, 217, 232
RGB Percent	15%, 85%, 91%
CMY	0.8471, 0.1490, 0.0902
CMYK	0.83, 0.06, 0.00, 0.09
HSL	185°, 81%, 53%
HSV	185°, 83%, 91%
XYZ	40.2150, 55.8832, 85.0109
YIQ	165.4880, -110.9030, -33.0710

Conversions

Conversions Part 2

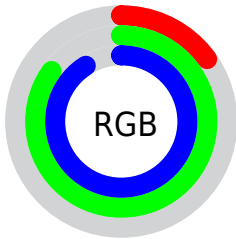
Format	Color
RYB	39, 132, 232
Decimal	2611688
CIELab	79.55, -36.48, -19.43
CIELCh	80, 41.327, 208.037
Yxy	55.8832, 0.2220, 0.3086
Android (android.graphics.Color)	4280801768 (0xFF27D9E8)
YUV	165.4880, 32.7904, -110.9300
Hunter-Lab	74.7551, -34.7960, -15.0956

Details

The Hex color **27D9E8** 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 **E83627**, and the grayscale version is **A5A5A5**.

A 20% lighter version of the original color is **7AFFFF**, and **00A2B0** is the 20% darker color. If you saturate the color by 10%, you get **10D7E8**, and if you desaturate by 10%, it is **3EDBE8**.

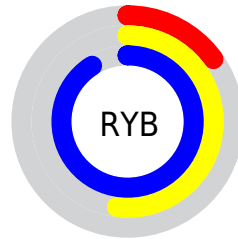
Distribution



Red (15%)

Green (85%)

Blue (91%)



Red (15%)

Yellow (52%)

Blue (91%)

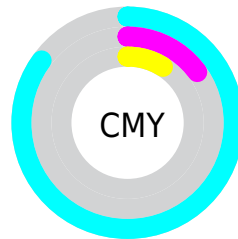


Cyan (83%)

Magenta (6%)

Yellow (0%)

Black (9%)



Cyan (85%)

Magenta (15%)

Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27D9E8 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 27D9E8 by changing the saturation by 10% instead.

 27D9E8

 27D9E8

FFFFFF

 00BDCC

 7AFFFF

 00A2B0

 9BFFFF

 008796

 BBFFFF

 006D7C

 DBFFFF

 005463

 FAFFFF

 003C4B

 002734

 000220

 000003

■ 27D9E8

■ 27D9E8

■ 10D7E8

■ 3EDBE8

■ 00D6E8

■ 55DDE8

■ 6DDEE8

■ 84E0E8

■ 9BE2E8

■ B2E4E8

■ C9E6E8

■ E1E7E8

■ F8E9E8

Harmonies

Analogous

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



59DAC1



27D9E8



46D4FF

Triad

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



27D9E8



F3AFEE



E1C278

Complementary

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



27D9E8



E83627

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.



FFB585



27D9E8



FFA7C9

Square

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



27D9E8



C6BCFF



FFAAA3



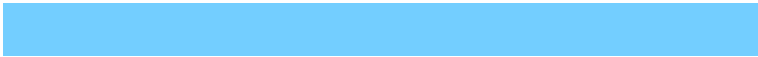
B9CE80

Rectangle

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



27D9E8



73CEFF



FFAAA3



ECBD7A

Sweetspot

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



27D9E8



BFFAFF



27E834



597D80



000000



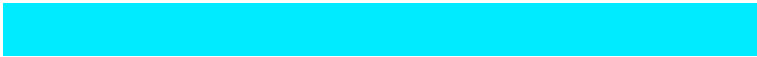
808080

Same Dimension

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



27D9E8



00EBFF



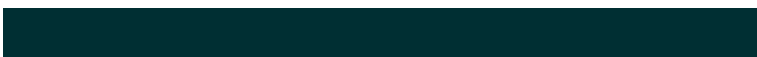
277BE8



677273



00A5B3



002F33

Inverse Universe

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



E827D9



FF00EB



E89427



736772



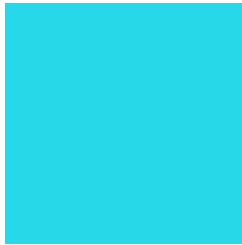
B300A5



33002F

Previews

White Background



This preview shows how the Hex color 27D9E8 looks on a white background.

Color Contrast Check

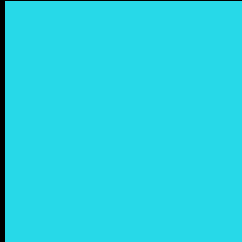
Large Text (above 18pt) WCAG AA × Fail

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 27D9E8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

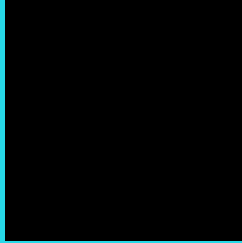
Any Text WCAG AA ✓ Pass

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 27D9E8 Background



This preview shows how black text looks on a background with the Hex color 27D9E8.

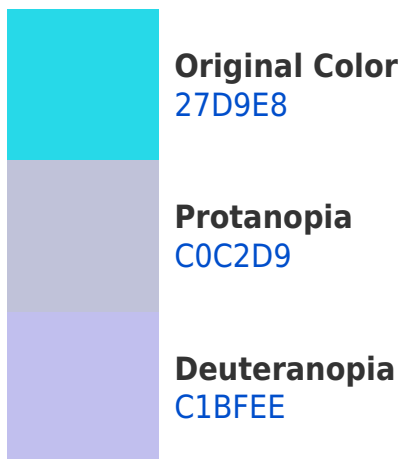


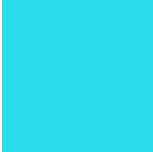
This preview shows how white text looks on a background with the Hex color 27D9E8.

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](#).

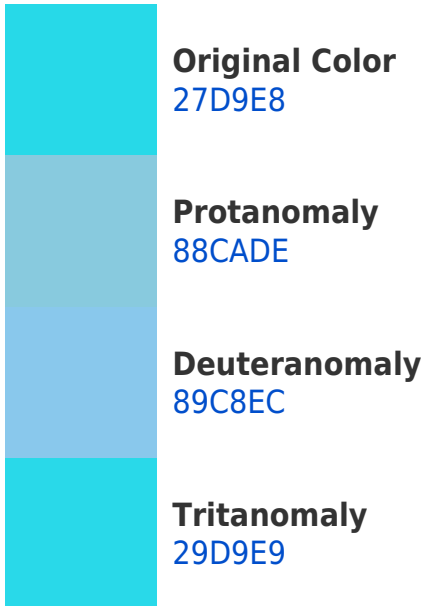
Dichromacy





Tritanopia
2AD9EA

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27D9E8 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 #27D9E8 looks like.

```
.text, #text, p{  
    color:#27D9E8  
}
```

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 #27D9E8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D9E8
}
```

Border

The CSS property to change the border of an element to Hex 27D9E8 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
#27D9E8 }
```

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

```
.border{ border-color:#27D9E8 }
```

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

Here you see how a box with a 4 pixel #27D9E8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D9E8; -webkit-box-shadow:4px 4px  
4px 4px #27D9E8; box-shadow:4px 4px 4px  
4px #27D9E8 }
```

Background

The CSS property to change the background color of an element to Hex 27D9E8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D9E8 }
```

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

```
.background{ background-color:#27D9E8 }
```

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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