

# Converting Colors

Hex(27D9E1)

Have a look what the booklet for  
Hex(27D9E1) contains.

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# **Color**

**Hex(27D9E1)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27D9E1
RGB	39, 217, 225
RGB Percent	15%, 85%, 88%
CMY	0.8471, 0.1490, 0.1176
CMYK	0.83, 0.04, 0.00, 0.12
HSL	183°, 76%, 52%
HSV	183°, 83%, 88%
XYZ	39.2402, 55.4933, 79.8773
YIQ	164.6900, -108.6560, -35.2480

# Conversions

## Conversions Part 2

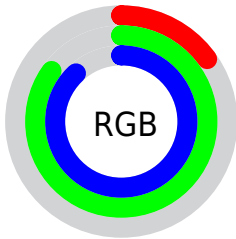
Format	Color
R <sub>YB</sub>	39, 130, 225
Decimal	2611681
CIE Lab	79.32, -38.58, -16.03
CIE LCh	79, 41.771, 202.560
Yxy	55.4933, 0.2247, 0.3178
Android (android.graphics.Color)	4280801761 (0xFF27D9E1)
YUV	164.6900, 29.7328, -110.2301
Hunter-Lab	74.4938, -36.3380, -11.4290

# Details

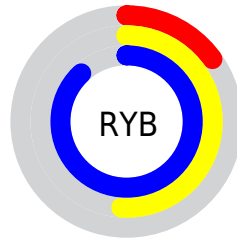
The Hex color **27D9E1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E12F27**, and the grayscale version is **A4A4A4**.

A 20% lighter version of the original color is **79FFFF**, and **00A1AA** is the 20% darker color. If you saturate the color by 10%, you get **10D8E1**, and if you desaturate by 10%, it is **3DDAE1**.

# Distribution



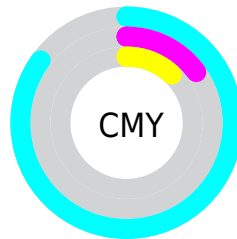
- Red (15%)
- Green (85%)
- Blue (88%)



- Red (15%)
- Yellow (51%)
- Blue (88%)



- Cyan (83%)
- Magenta (4%)
- Yellow (0%)
- Black (12%)



- Cyan (85%)
- Magenta (15%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 27D9E1 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 27D9E1 by changing the saturation by 10% instead.



 27D9E1

 27D9E1

FFFFFF

 00BDC5

 79FFFF

 00A1AA

 9AFFFF

 00878F

 BAFFFF

 006D76

 D9FFFF

 00545D

 F9FFFF

 003C45

 00272F

 00011B

 000000

■ 27D9E1

■ 27D9E1

■ 10D8E1

■ 3DDAE1

■ 00D7E1

■ 54DBE1

■ 6ADCE1

■ 81DDE1

■ 98DEE1

■ AEDFE1

■ C4E0E1

■ DBE1E1

■ F1E2E1

# Harmonies

## Analogous

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



60D9B9



27D9E1



35D5FF

# Triad

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



27D9E1



ECB0F4



E7BF77

# Complementary

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



27D9E1



E12F27

# 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.



FFB188



27D9E1



FFA7D0

# Square

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



27D9E1



BBBEFF



FFA8A9



C0CB7B

# Rectangle

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



27D9E1



64CFFF



FFA8A9



F2BA7B



# Sweetspot

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



27D9E1



BFFCFF



27E12D



597E80



000000



808080



# Same Dimension

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



27D9E1



03F4FF



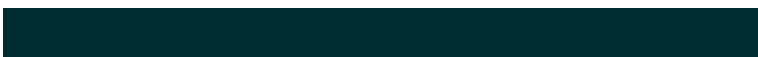
277EE1



657070



00A8B0



002E30



# Inverse Universe

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



E127D9



FF03F4



E18A27



706570



B000A8

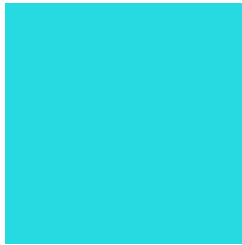


30002E



# Previews

## White Background



This preview shows how the Hex color 27D9E1 looks on a white background.

## Color Contrast Check

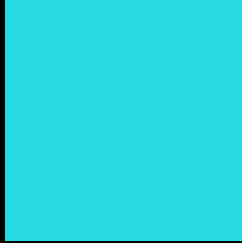
Large Text (above 18pt) WCAG AA × Fail

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 27D9E1 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

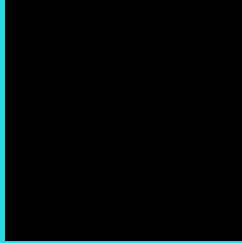
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

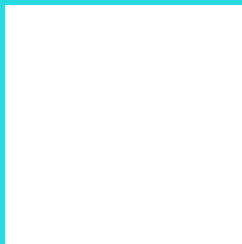
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 27D9E1 Background



This preview shows how black text looks on a background with the Hex color 27D9E1.

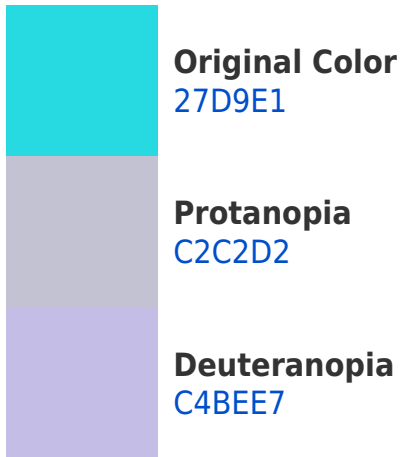


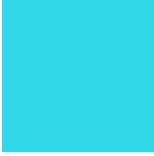
This preview shows how white text looks on a background with the Hex color 27D9E1.

# 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**  
30D8E9

# Trichromacy



**Original Color**  
27D9E1



**Protanomaly**  
8ACAD7

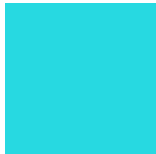


**Deuteranomaly**  
8BC8E5



**Tritanomaly**  
2DD8E6

# Monochromacy



**Original Color**  
27D9E1



**Achromatopsia**  
A5A5A5



**Achromatomaly**  
77B8BB

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 27D9E1 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 #27D9E1 looks like.

```
.text, #text, p{  
    color:#27D9E1  
}
```

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 #27D9E1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27D9E1
}
```

## Border

The CSS property to change the border of an element to Hex 27D9E1 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
#27D9E1 }
```

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

```
.border{ border-color:#27D9E1 }
```

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

Here you see how a box with a 4 pixel #27D9E1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27D9E1; -webkit-box-shadow:4px 4px  
4px 4px #27D9E1; box-shadow:4px 4px 4px  
4px #27D9E1 }
```

# Background

The CSS property to change the background color of an element to Hex 27D9E1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27D9E1 }
```

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

```
.background{ background-color:#27D9E1 }
```

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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