

Converting Colors

Hex(27B9DE)

Have a look what the booklet for
Hex(27B9DE) contains.

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Color

Hex(27B9DE)

Conversions

Conversions Part 1

Format	Color
Hex	27B9DE
RGB	39, 185, 222
RGB Percent	15%, 73%, 87%
CMY	0.8471, 0.2745, 0.1294
CMYK	0.82, 0.17, 0.00, 0.13
HSL	192°, 73%, 51%
HSV	192°, 82%, 87%
XYZ	31.3705, 40.4032, 75.2524
YIQ	145.5640, -98.8930, -19.4450

Conversions

Conversions Part 2

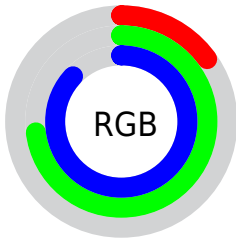
Format	Color
RYB	39, 120, 222
Decimal	2603486
CIELab	69.76, -24.10, -28.97
CIELCh	70, 37.684, 230.249
Yxy	40.4032, 0.2134, 0.2748
Android (android.graphics.Color)	4280793566 (0xFF27B9DE)
YUV	145.5640, 37.6829, -93.4566
Hunter-Lab	63.5635, -23.1411, -25.6986

Details

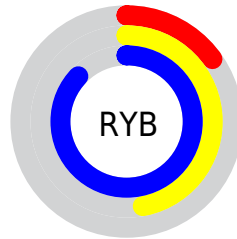
The Hex color **27B9DE** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **DE4C27**, and the grayscale version is **919191**.

A 20% lighter version of the original color is **75F1FF**, and **0084A7** is the 20% darker color. If you saturate the color by 10%, you get **11B5DE**, and if you desaturate by 10%, it is **3DBDDE**.

Distribution



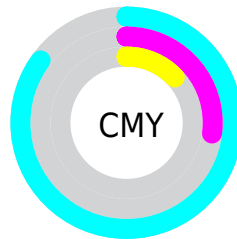
- Red (15%)
- Green (73%)
- Blue (87%)



- Red (15%)
- Yellow (47%)
- Blue (87%)



- Cyan (82%)
- Magenta (17%)
- Yellow (0%)
- Black (13%)



- Cyan (85%)
- Magenta (27%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27B9DE 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 27B9DE by changing the saturation by 10% instead.

 27B9DE

 27B9DE

FFFFFF

 009EC2

 75F1FF

 0084A7

 95FFFF

 006A8C

 B4FFFF

 005273

 D3FFFF

 003A5A

 F2FFFF

 002542

 00032C

 000117

 000000

■ 27B9DE

■ 27B9DE

■ 11B5DE

■ 3DBDDE

■ 00B1DE

■ 53C2DE

■ 6AC6DE

■ 80CBDE

■ 96CFDE

■ ACD4DE

■ C2D8DE

■ D9DDDE

■ EFE1DE

Harmonies

Analogous

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



23BDC1



27B9DE



65B1ED

Triad

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



27B9DE



E691B7



AAB069

Complementary

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



27B9DE



DE4C27

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.



CBA567



27B9DE



ED9194

Square

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



27B9DE



CB99D6



E39977



82B87E

Rectangle

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



27B9DE



8CAAED



E39977



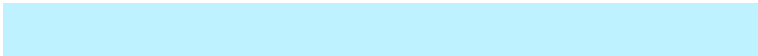
B5AC66

Sweetspot

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



27B9DE



BFF2FF



27DE4C



597880



000000



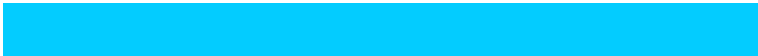
808080

Same Dimension

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



27B9DE



03CCFF



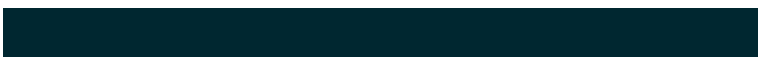
275EDE



656E70



008CB0



002730

Inverse Universe

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



DE27B9



FF03CC



DEA727



70656E



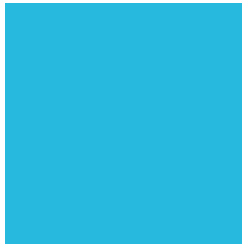
B0008C



300027

Previews

White Background



This preview shows how the Hex color 27B9DE 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 27B9DE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

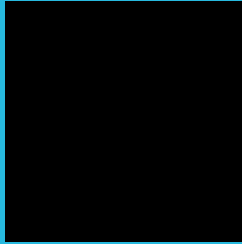
Any Text WCAG AA ✓ Pass

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 27B9DE Background



This preview shows how black text looks on a background with the Hex color 27B9DE.

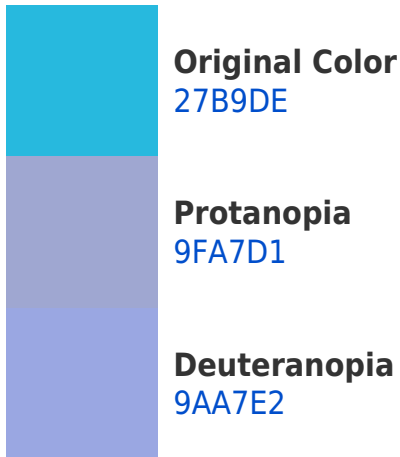


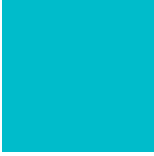
This preview shows how white text looks on a background with the Hex color 27B9DE.

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](#).

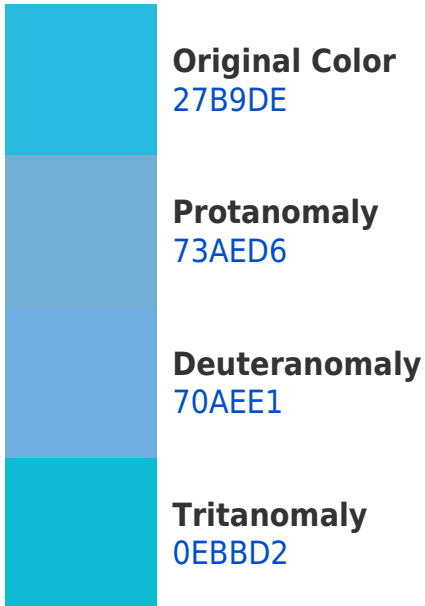
Dichromacy



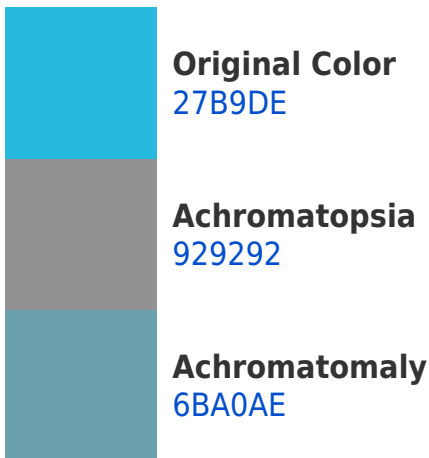


Tritanopia
00BCCB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27B9DE 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 #27B9DE looks like.

```
.text, #text, p{  
    color:#27B9DE  
}
```

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 #27B9DE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27B9DE
}
```

Border

The CSS property to change the border of an element to Hex 27B9DE 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
#27B9DE }
```

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

```
.border{ border-color:#27B9DE }
```

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

Here you see how a box with a 4 pixel #27B9DE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27B9DE; -webkit-box-shadow:4px 4px  
4px 4px #27B9DE; box-shadow:4px 4px 4px  
4px #27B9DE }
```

Background

The CSS property to change the background color of an element to Hex 27B9DE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27B9DE }
```

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

```
.background{ background-color:#27B9DE }
```

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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