

Converting Colors

Hex(27A8DB)

Have a look what the booklet for
Hex(27A8DB) contains.

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Color

Hex(27A8DB)

Conversions

Conversions Part 1

Format	Color
Hex	27A8DB
RGB	39, 168, 219
RGB Percent	15%, 66%, 86%
CMY	0.8471, 0.3412, 0.1412
CMYK	0.82, 0.23, 0.00, 0.14
HSL	197°, 71%, 51%
HSV	197°, 82%, 86%
XYZ	27.6255, 33.5511, 72.0378
YIQ	135.2430, -93.2550, -11.4870

Conversions

Conversions Part 2

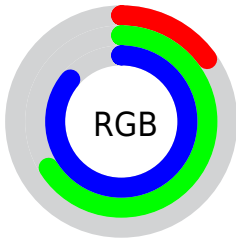
Format	Color
R _Y B	39, 114, 219
Decimal	2599131
CIE Lab	64.60, -16.23, -35.30
CIE LCh	65, 38.852, 245.307
Yxy	33.5511, 0.2074, 0.2519
Android (android.graphics.Color)	4280789211 (0xFF27A8DB)
YUV	135.2430, 41.2922, -84.4051
Hunter-Lab	57.9233, -16.2332, -33.1913

Details

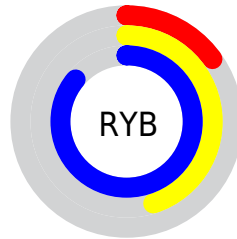
The Hex color **27A8DB** is a dark color, and the websafe version is hex **0099CC**. The color can be described as middle washed azure. A complement of this color would be **DB5A27**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **73DFFF**, and **0074A4** is the 20% darker color. If you saturate the color by 10%, you get **11A2DB**, and if you desaturate by 10%, it is **3DAEDB**.

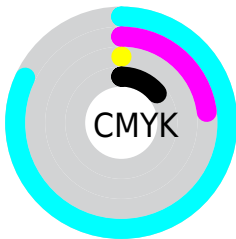
Distribution



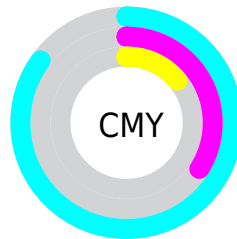
- Red (15%)
- Green (66%)
- Blue (86%)



- Red (15%)
- Yellow (45%)
- Blue (86%)



- Cyan (82%)
- Magenta (23%)
- Yellow (0%)
- Black (14%)



- Cyan (85%)
- Magenta (34%)
- Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A8DB 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 27A8DB by changing the saturation by 10% instead.

 27A8DB

 27A8DB

FFFFFF

 008EBF

 73DFFF

 0074A4

 93FCFF

 005B89

 B2FFFF

 004470

 D0FFFF

 002E57

 EFFFFFF

 001B3F

 000329

 000113

 000000

■ 27A8DB

■ 27A8DB

■ 11A2DB

■ 3DAEDB

■ 009DDB

■ 53B4DB

■ 69BBDB

■ 7FC1DB

■ 95C7DB

■ AACDDB

■ C0D3DB

■ D6DADB

■ ECE0DB

Harmonies

Analogous

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



00AEC4



27A8DB



729EE1

Triad

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



27A8DB



DF8198



88A663

Complementary

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



27A8DB



DB5A27

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.



AD9D56



27A8DB



DD8676

Square

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



27A8DB



CD86BA



CA915E



5CAD7F

Rectangle

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



27A8DB



9896DB



CA915E



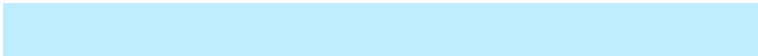
95A45C

Sweetspot

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



27A8DB



BFEDFF



27DB5A



597580



000000



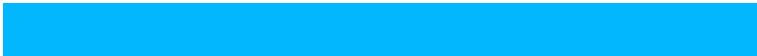
808080

Same Dimension

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



27A8DB



03B7FF



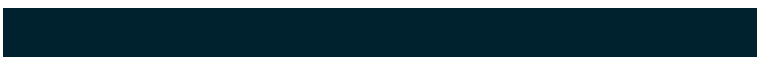
274EDB



636B6E



007CAD



00212E

Inverse Universe

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



DB27A8



FF03B7



DBB427



6E636B



AD007C



2E0021

Previews

White Background



This preview shows how the Hex color 27A8DB 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 27A8DB 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 27A8DB Background



This preview shows how black text looks on a background with the Hex color 27A8DB.

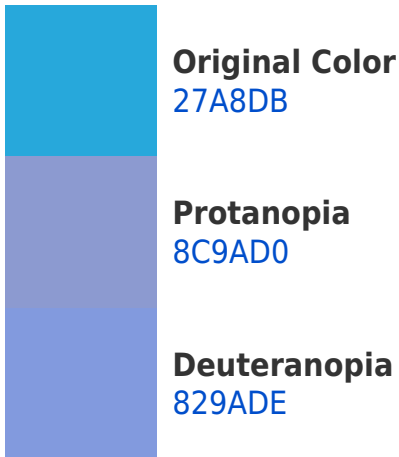


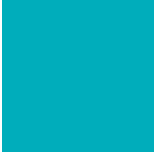
This preview shows how white text looks on a background with the Hex color 27A8DB.

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](#).

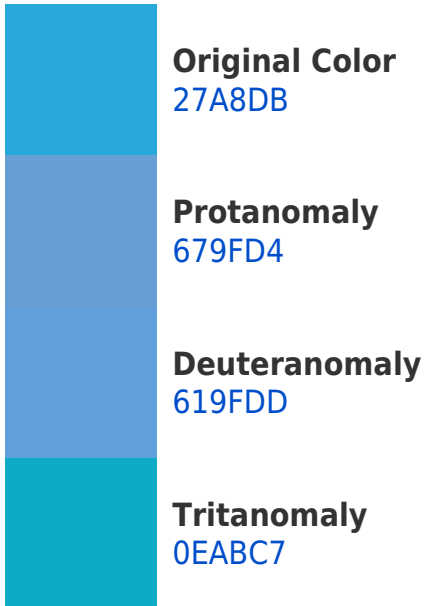
Dichromacy



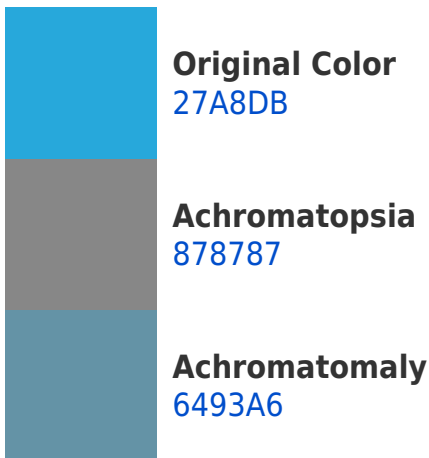


Tritanopia
00ADBB

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 27A8DB 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 #27A8DB looks like.

```
.text, #text, p{  
    color:#27A8DB  
}
```

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 #27A8DB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A8DB
}
```

Border

The CSS property to change the border of an element to Hex 27A8DB 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
#27A8DB }
```

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

```
.border{ border-color:#27A8DB }
```

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

Here you see how a box with a 4 pixel #27A8DB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A8DB; -webkit-box-shadow:4px 4px  
4px 4px #27A8DB; box-shadow:4px 4px 4px  
4px #27A8DB }
```

Background

The CSS property to change the background color of an element to Hex 27A8DB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A8DB }
```

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

```
.background{ background-color:#27A8DB }
```

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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