

Converting Colors

Hex(27A4B9)

Have a look what the booklet for
Hex(27A4B9) contains.

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Color

Hex(27A4B9)

Conversions

Conversions Part 1

Format	Color
Hex	27A4B9
RGB	39, 164, 185
RGB Percent	15%, 64%, 73%
CMY	0.8471, 0.3569, 0.2745
CMYK	0.79, 0.11, 0.00, 0.27
HSL	189°, 65%, 44%
HSV	189°, 79%, 73%
XYZ	22.8691, 30.4850, 50.5778
YIQ	129.0190, -81.2410, -19.9690

Conversions

Conversions Part 2

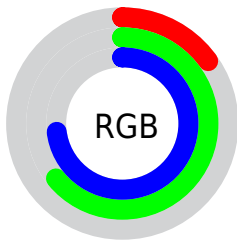
Format	Color
R_{YB}	39, 106, 185
Decimal	2598073
CIE _{Lab}	62.07, -25.53, -20.29
CIE _{LCh}	62, 32.606, 218.479
Yxy	30.4850, 0.2200, 0.2933
Android (android.graphics.Color)	4280788153 (0xFF27A4B9)
YUV	129.0190, 27.5986, -78.9467
Hunter-Lab	55.2133, -22.6892, -15.6630

Details

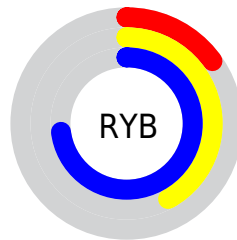
The Hex color **27A4B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B93C27**, and the grayscale version is **818181**.

A 20% lighter version of the original color is **6DDBF1**, and **007084** is the 20% darker color. If you saturate the color by 10%, you get **15A1B9**, and if you desaturate by 10%, it is **3AA7B9**.

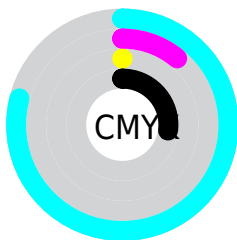
Distribution



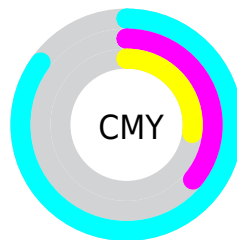
- Red (15%)
- Green (64%)
- Blue (73%)



- Red (15%)
- Yellow (42%)
- Blue (73%)



- Cyan (79%)
- Magenta (11%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 27A4B9 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 27A4B9 by changing the saturation by 10% instead.

 27A4B9

 27A4B9

FFFFFF

 008A9E

 6DDBF1

 007084

 8CF8FF

 00576B

 AAFFFF

 003F52

 C8FFFF

 00293B

 E6FFFF

 001026

 00010F

 000000

 27A4B9

 27A4B9

■ 15A1B9

■ 3AA7B9

■ 029FB9

■ 4CA9B9

■ 009EB9

■ 5FACB9

■ 71AFB9

■ 84B1B9

■ 96B4B9

■ A9B7B9

■ BBB9B9

■ CEBCB9

Harmonies

Analogous

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



39A69E



27A4B9



4A9FCB

Triad

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



27A4B9



C183AC



A1975C

Complementary

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



27A4B9



B93C27

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.



BB8D61



27A4B9



CE808F

Square

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



27A4B9



A48CC3



CB8473



829F68

Rectangle

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



27A4B9



6B99CF



CB8473



AB945C

Sweetspot

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



27A4B9



B6E7F0



27B93A



557378



F7F7F7



787878

Same Dimension

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



27A4B9



0CCFF0



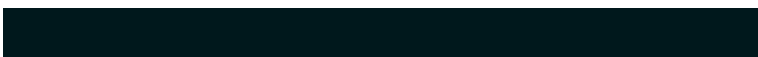
275DB9



535A5C



00859C



00181C

Inverse Universe

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



B927A4



F00CCF



B98327



5C535A



9C0085



1C0018

Previews

White Background



This preview shows how the Hex color 27A4B9 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 27A4B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

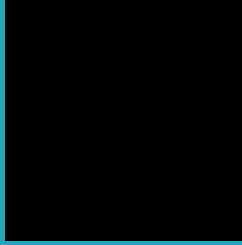
Any Text WCAG AA ✓ Pass

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 27A4B9 Background



This preview shows how black text looks on a background with the Hex color 27A4B9.

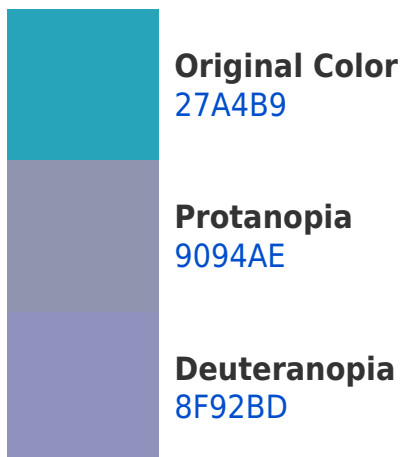


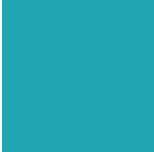
This preview shows how white text looks on a background with the Hex color 27A4B9.

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
20A5B3

Trichromacy



Original Color
27A4B9



Protanomaly
6A9AB2



Deuteranomaly
6999BC



Tritanomaly
23A5B5

Monochromacy



Original Color
27A4B9



Achromatopsia
818181



Achromatomaly
608E95

CSS Examples

Text

The CSS property to change the color of the text to Hex 27A4B9 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 #27A4B9 looks like.

```
.text, #text, p{  
    color:#27A4B9  
}
```

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 #27A4B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #27A4B9
}
```

Border

The CSS property to change the border of an element to Hex 27A4B9 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
#27A4B9 }
```

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

```
.border{ border-color:#27A4B9 }
```

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

Here you see how a box with a 4 pixel #27A4B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #27A4B9; -webkit-box-shadow:4px 4px  
4px 4px #27A4B9; box-shadow:4px 4px 4px  
4px #27A4B9 }
```

Background

The CSS property to change the background color of an element to Hex 27A4B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#27A4B9 }
```

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

```
.background{ background-color:#27A4B9 }
```

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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