

Converting Colors

Hex(26A0B9)

Have a look what the booklet for
Hex(26A0B9) contains.

Hex(26A0B9)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(26A0B9)

Conversions

Conversions Part 1

Format	Color
Hex	26A0B9
RGB	38, 160, 185
RGB Percent	15%, 63%, 73%
CMY	0.8510, 0.3725, 0.2745
CMYK	0.79, 0.14, 0.00, 0.27
HSL	190°, 66%, 44%
HSV	190°, 79%, 73%
XYZ	22.1271, 29.0565, 50.3412
YIQ	126.3720, -80.7370, -18.0890

Conversions

Conversions Part 2

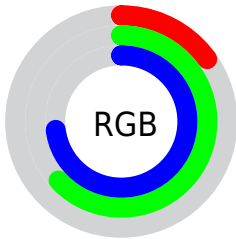
Format	Color
RYB	38, 105, 185
Decimal	2531513
CIELab	60.83, -23.58, -22.18
CIELCh	61, 32.378, 223.245
Yxy	29.0565, 0.2179, 0.2862
Android (android.graphics.Color)	4280721593 (0xFF26A0B9)
YUV	126.3720, 28.9036, -77.5022
Hunter-Lab	53.9040, -21.0596, -17.6383

Details

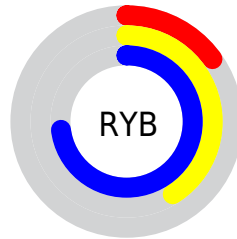
The Hex color **26A0B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B93F26**, and the grayscale version is **7E7E7E**.

A 20% lighter version of the original color is **6DD7F1**, and **006C84** is the 20% darker color. If you saturate the color by 10%, you get **149DB9**, and if you desaturate by 10%, it is **39A3B9**.

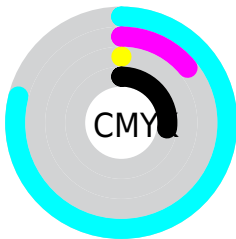
Distribution



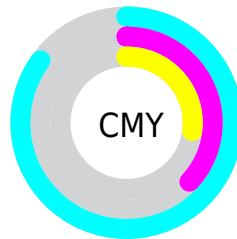
- Red (15%)
- Green (63%)
- Blue (73%)



- Red (15%)
- Yellow (41%)
- Blue (73%)



- Cyan (79%)
- Magenta (14%)
- Yellow (0%)
- Black (27%)



- Cyan (85%)
- Magenta (37%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 26A0B9 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 26A0B9 by changing the saturation by 10% instead.

 26A0B9

 26A0B9

FFFFFF

 00869E

 6DD7F1

 006C84

 8BF4FF

 00546B

 A9FFFF

 003C52

 C7FFFF

 00263B

 E5FFFF

 000826

 00010F

 000000

 26A0B9

 26A0B9

■ 149DB9

■ 39A3B9

■ 019AB9

■ 4BA6B9

■ 009AB9

■ 5EA9B9

■ 70ADB9

■ 83B0B9

■ 95B3B9

■ A8B6B9

■ BAB9B9

■ CDBC9

Harmonies

Analogous

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



31A29F



26A0B9



4F9AC9

Triad

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



26A0B9



C17FA4



99955A

Complementary

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



26A0B9



B93F26

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.



B48B5C



26A0B9



CB7D87

Square

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



26A0B9



A687BD



C6826D



799D68

Rectangle

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



26A0B9



6F94CB



C6826D



A39259

Sweetspot

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



26A0B9



B6E6F0



26B93F



557278



F7F7F7



787878

Same Dimension

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



26A0B9



0CC9F0



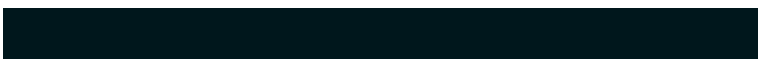
2657B9



535A5C



00819C



00171C

Inverse Universe

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



B926A0



F00CC9



B98826



5C535A



9C0081



1C0017

Previews

White Background



This preview shows how the Hex color 26A0B9 looks on a white background.

Color Contrast Check

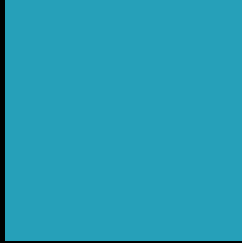
Large Text (above 18pt) WCAG AA ✓ Pass

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 26A0B9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

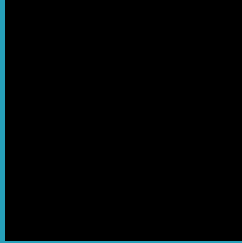
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

Hex 26A0B9 Background



This preview shows how black text looks on a background with the Hex color 26A0B9.

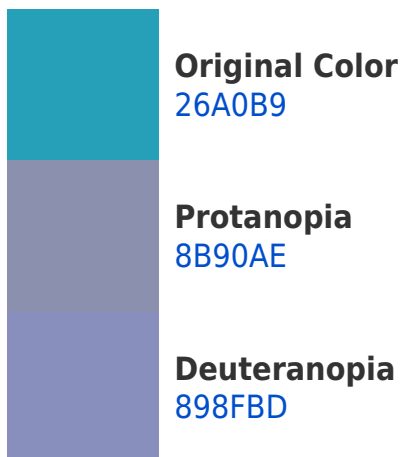


This preview shows how white text looks on a background with the Hex color 26A0B9.

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
1AA2AF

Trichromacy



Original Color
26A0B9



Protanomaly
6696B2



Deuteranomaly
6595BC



Tritanomaly
1EA1B3

Monochromacy



Original Color
26A0B9



Achromatopsia
7E7E7E



Achromatomaly
5E8A93

CSS Examples

Text

The CSS property to change the color of the text to Hex 26A0B9 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 #26A0B9 looks like.

```
.text, #text, p{  
    color:#26A0B9  
}
```

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 #26A0B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #26A0B9
}
```

Border

The CSS property to change the border of an element to Hex 26A0B9 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
#26A0B9 }
```

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

```
.border{ border-color:#26A0B9 }
```

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

Here you see how a box with a 4 pixel #26A0B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #26A0B9; -webkit-box-shadow:4px 4px  
4px 4px #26A0B9; box-shadow:4px 4px 4px  
4px #26A0B9 }
```

Background

The CSS property to change the background color of an element to Hex 26A0B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#26A0B9 }
```

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

```
.background{ background-color:#26A0B9 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor