

Converting Colors

Hex(24A2B9)

Have a look what the booklet for
Hex(24A2B9) contains.

Hex(24A2B9)	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(24A2B9)

Conversions

Conversions Part 1

Format	Color
Hex	24A2B9
RGB	36, 162, 185
RGB Percent	14%, 64%, 73%
CMY	0.8588, 0.3647, 0.2745
CMYK	0.81, 0.12, 0.00, 0.27
HSL	189°, 67%, 43%
HSV	189°, 81%, 73%
XYZ	22.4048, 29.7185, 50.4543
YIQ	126.9480, -82.4790, -19.5590

Conversions

Conversions Part 2

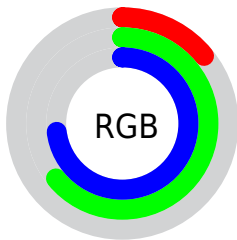
Format	Color
RYB	36, 104, 185
Decimal	2400953
CIELab	61.41, -24.80, -21.30
CIELCh	61, 32.691, 220.658
Yxy	29.7185, 0.2184, 0.2897
Android (android.graphics.Color)	4280591033 (0xFF24A2B9)
YUV	126.9480, 28.6196, -79.7614
Hunter-Lab	54.5147, -22.0395, -16.7137

Details

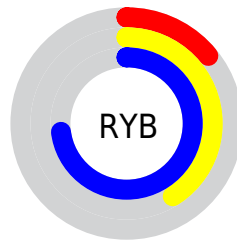
The Hex color **24A2B9** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **B93B24**, and the grayscale version is **7F7F7F**.

A 20% lighter version of the original color is **6CD9F1**, and **006E84** is the 20% darker color. If you saturate the color by 10%, you get **129FB9**, and if you desaturate by 10%, it is **37A5B9**.

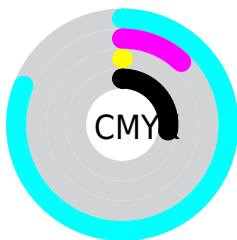
Distribution



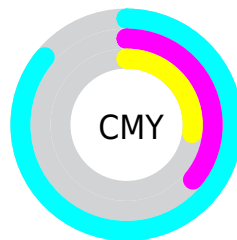
- Red (14%)
- Green (64%)
- Blue (73%)



- Red (14%)
- Yellow (41%)
- Blue (73%)



- Cyan (81%)
- Magenta (12%)
- Yellow (0%)
- Black (27%)



- Cyan (86%)
- Magenta (36%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24A2B9 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 24A2B9 by changing the saturation by 10% instead.

 24A2B9

 24A2B9

FFFFFF

 00889E

 6CD9F1

 006E84

 8AF6FF

 00556B

 A8FFFF

 003E52

 C6FFFF

 00283B

 E5FFFF

 000C26

 00010F

 000000

 24A2B9

 24A2B9

129FB9

37A5B9

009CB9

49A8B9

5CABB9

6EADB9

81B0B9

93B3B9

A6B6B9

B8B9B9

CBBCB9

Harmonies

Analogous

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



34A49E



24A2B9



4B9CCA

Triad

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



24A2B9



C180A8



9D965B

Complementary

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



24A2B9



B93B24

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.



B88C5E



24A2B9



CD7E8B

Square

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



24A2B9



A589C0



C98370



7E9E67

Rectangle

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



24A2B9



6C97CE



C98370



A7935A

Sweetspot

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



24A2B9



B6E7F0



24B93A



557278



F7F7F7



787878

Same Dimension

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



24A2B9



07CCF0



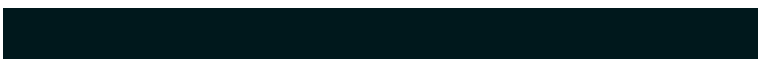
2458B9



535A5C



00849C



00181C

Inverse Universe

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



B924A2



F007CC



B98524



5C535A



9C0084



1C0018

Previews

White Background



This preview shows how the Hex color 24A2B9 looks on a white background.

Color Contrast Check

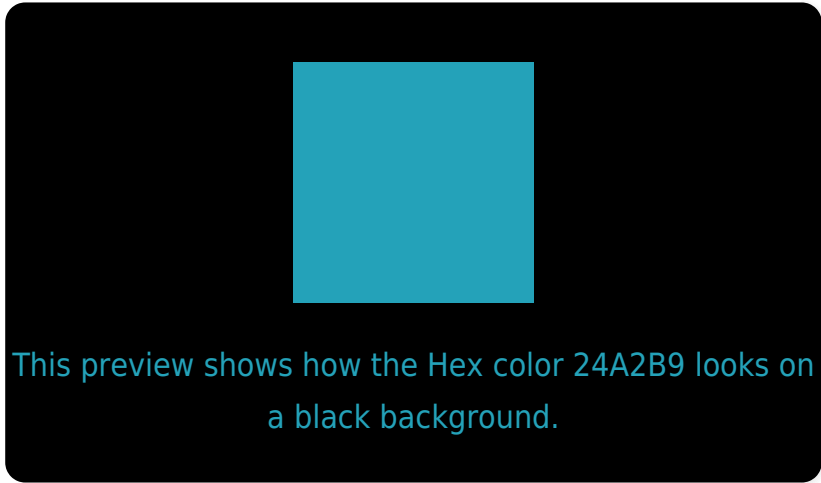
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

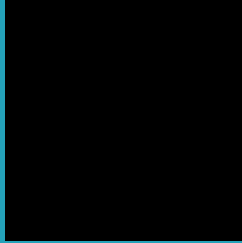
Any Text WCAG AA ✓ Pass

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 24A2B9 Background



This preview shows how black text looks on a background with the Hex color 24A2B9.

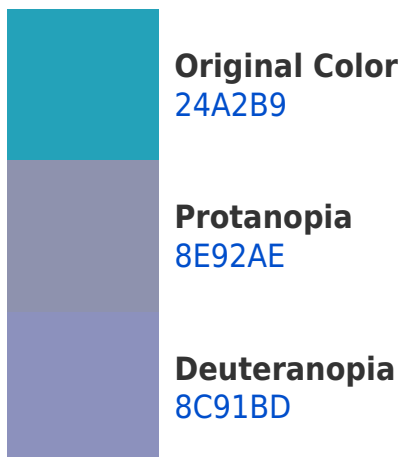


This preview shows how white text looks on a background with the Hex color 24A2B9.

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
1AA3B1

Trichromacy



Original Color
24A2B9



Protanomaly
6798B2



Deuteranomaly
6697BC



Tritanomaly
1EA3B4

Monochromacy



Original Color
24A2B9



Achromatopsia
7F7F7F



Achromatomaly
5E8C94

CSS Examples

Text

The CSS property to change the color of the text to Hex 24A2B9 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 #24A2B9 looks like.

```
.text, #text, p{  
    color:#24A2B9  
}
```

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 #24A2B9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A2B9
}
```

Border

The CSS property to change the border of an element to Hex 24A2B9 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
#24A2B9 }
```

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

```
.border{ border-color:#24A2B9 }
```

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

Here you see how a box with a 4 pixel #24A2B9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A2B9; -webkit-box-shadow:4px 4px  
4px 4px #24A2B9; box-shadow:4px 4px 4px  
4px #24A2B9 }
```

Background

The CSS property to change the background color of an element to Hex 24A2B9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A2B9 }
```

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

```
.background{ background-color:#24A2B9 }
```

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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