

# Converting Colors

Hex(24A1AB)

Have a look what the booklet for  
Hex(24A1AB) contains.

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**Color**

**Hex(24A1AB)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24A1AB
RGB	36, 161, 171
RGB Percent	14%, 63%, 67%
CMY	0.8588, 0.3686, 0.3294
CMYK	0.79, 0.06, 0.00, 0.33
HSL	184°, 65%, 41%
HSV	184°, 79%, 67%
XYZ	20.8231, 28.8051, 42.9905
YIQ	124.7650, -77.7100, -23.3900

# Conversions

## Conversions Part 2

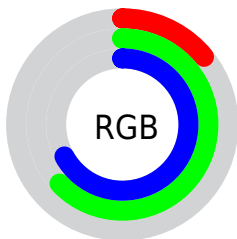
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 101, 171
Decimal	2400683
CIELab	60.61, -28.79, -14.64
CIELCh	61, 32.300, 206.951
Yxy	28.8051, 0.2248, 0.3110
Android (android.graphics.Color)	4280590763 (0xFF24A1AB)
YUV	124.7650, 22.7939, -77.8469
Hunter-Lab	53.6704, -24.6684, -9.9227

# Details

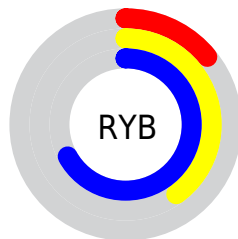
The Hex color **24A1AB** is a dark color, and the websafe version is hex **339999**. A complement of this color would be **AB2E24**, and the grayscale version is **7D7D7D**.

A 20% lighter version of the original color is **6AD8E2**, and **006D77** is the 20% darker color. If you saturate the color by 10%, you get **13A0AB**, and if you desaturate by 10%, it is **35A2AB**.

# Distribution



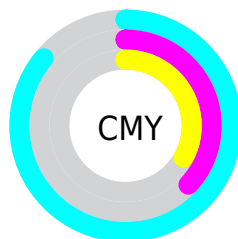
- Red (14%)
- Green (63%)
- Blue (67%)



- Red (14%)
- Yellow (40%)
- Blue (67%)



- Cyan (79%)
- Magenta (6%)
- Yellow (0%)
- Black (33%)



- Cyan (86%)
- Magenta (37%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24A1AB 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 24A1AB by changing the saturation by 10% instead.



 24A1AB

 24A1AB

FFFFFF

 008790

 6AD8E2

 006D77

 88F5FF

 00545E

 A6FFFF

 003C47

 C3FFFF

 002730

 E1FFFF

 00061C

 000000

 24A1AB

 24A1AB

 13A0AB

 35A2AB

029EAB

46A4AB

009EAB

57A5AB

68A6AB

7AA7AB

8BA9AB

9CAAAB

ADABAB

BEACAB

# Harmonies

## Analogous

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



45A18E



24A1AB



369DC1

# Triad

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



24A1AB



B382B2



A88F59

# Complementary

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



24A1AB



AB2E24

# 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.



BE8663



24A1AB



C77C96

# Square

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



24A1AB



918CC5



CA7E7A



8B985E

# Rectangle

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



24A1AB



5599C9



CA7E7A



B08C5B



# Sweetspot

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



24A1AB



A9DADE



24AB2D



50E70



F0F0F0



707070



# Same Dimension

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



24A1AB



0BCEDE



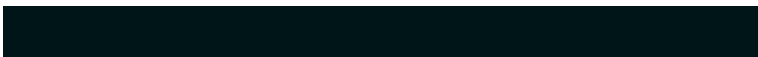
245FAB



4E5657



008B96



001517



# Inverse Universe

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



AB24A1



DE0BCE



AB7024



574E56



96008B



170015



# Previews

## White Background



This preview shows how the Hex color 24A1AB 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 24A1AB looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

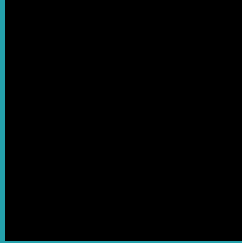
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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



## Hex 24A1AB Background



This preview shows how black text looks on a background with the Hex color 24A1AB.

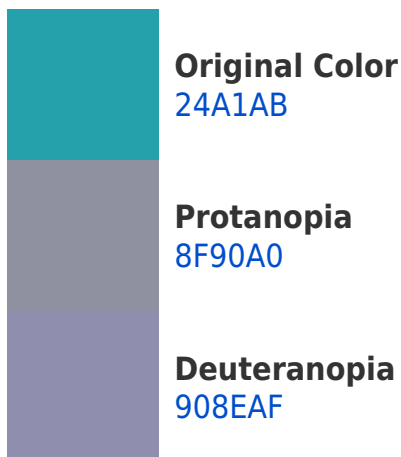


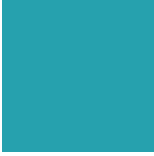
This preview shows how white text looks on a background with the Hex color 24A1AB.

# 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**  
26A1AE

# Trichromacy



**Original Color**  
24A1AB



**Protanomaly**  
6896A4



**Deuteranomaly**  
6995AE



**Tritanomaly**  
25A1AD

# Monochromacy



**Original Color**  
24A1AB



**Achromatopsia**  
7D7D7D



**Achromatomaly**  
5D8A8E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24A1AB 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 #24A1AB looks like.

```
.text, #text, p{  
    color:#24A1AB  
}
```

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 #24A1AB colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A1AB
}
```

## Border

The CSS property to change the border of an element to Hex 24A1AB 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
#24A1AB }
```

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

```
.border{ border-color:#24A1AB }
```

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

Here you see how a box with a 4 pixel #24A1AB colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A1AB; -webkit-box-shadow:4px 4px  
4px 4px #24A1AB; box-shadow:4px 4px 4px  
4px #24A1AB }
```

# Background

The CSS property to change the background color of an element to Hex 24A1AB is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A1AB }
```

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

```
.background{ background-color:#24A1AB }
```

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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