

Converting Colors

Hex(24A9AE)

Have a look what the booklet for
Hex(24A9AE) contains.

Hex(24A9AE)	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(24A9AE)

Conversions

Conversions Part 1

Format	Color
Hex	24A9AE
RGB	36, 169, 174
RGB Percent	14%, 66%, 68%
CMY	0.8588, 0.3373, 0.3176
CMYK	0.79, 0.03, 0.00, 0.32
HSL	182°, 66%, 41%
HSV	182°, 79%, 68%
XYZ	22.5555, 31.8070, 44.9950
YIQ	129.8030, -80.8730, -26.6410

Conversions

Conversions Part 2

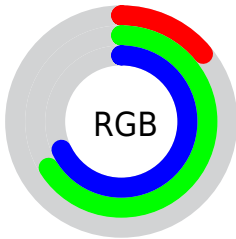
Format	Color
RYB	36, 104, 174
Decimal	2402734
CIELab	63.18, -31.75, -12.45
CIELCh	63, 34.102, 201.408
Yxy	31.8070, 0.2270, 0.3201
Android (android.graphics.Color)	4280592814 (0xFF24A9AE)
YUV	129.8030, 21.7891, -82.2652
Hunter-Lab	56.3977, -27.3073, -7.8241

Details

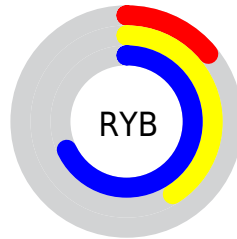
The Hex color **24A9AE** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **AE2924**, and the grayscale version is **828282**.

A 20% lighter version of the original color is **6BE1E5**, and **00747A** is the 20% darker color. If you saturate the color by 10%, you get **13A8AE**, and if you desaturate by 10%, it is **35AAAE**.

Distribution



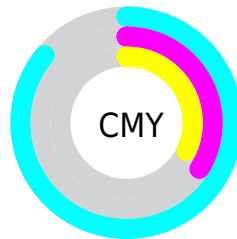
- Red (14%)
- Green (66%)
- Blue (68%)



- Red (14%)
- Yellow (41%)
- Blue (68%)



- Cyan (79%)
- Magenta (3%)
- Yellow (0%)
- Black (32%)



- Cyan (86%)
- Magenta (34%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24A9AE 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 24A9AE by changing the saturation by 10% instead.

 24A9AE

 24A9AE

FFFFFF

 008E93

 6BE1E5

 00747A

 8AFEFF

 005B61

 A8FFFF

 004349

 C5FFFF

 002C33

 E4FFFF

 00141E

 000002

 000000

 24A9AE

 24A9AE

■ 13A8AE

■ 35AAAE

■ 01A8AE

■ 47AAAE

■ 00A8AE

■ 58ABAE

■ 6AACAE

■ 7BACAE

■ 8CADAE

■ 9EADAE

■ AFAEAE

■ C1AFAE

Harmonies

Analogous

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



4DA98F



24A9AE



2BA6C7

Triad

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



24A9AE



B789BF



B5945D

Complementary

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



24A9AE



AE2924

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.



CB8A6B



24A9AE



CE82A3

Square

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



24A9AE



9094D1



D48284



979E5F

Rectangle

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



24A9AE



4DA1D2



D48284



BD9160

Sweetspot

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



24A9AE



ACE1E3



24AE29



517273



F2F2F2



737373

Same Dimension

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



24A9AE



0BDBE3



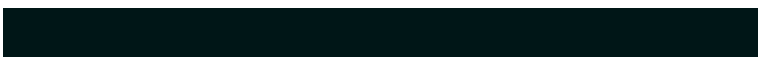
2464AE



4E5657



009196



001617

Inverse Universe

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



AE24A9



E30BDB



AE6E24



574E56



960091



170016

Previews

White Background



This preview shows how the Hex color 24A9AE 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 24A9AE looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

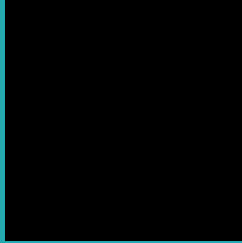
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

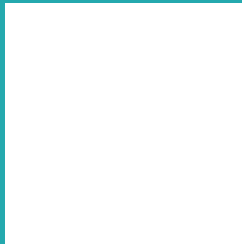
Any Text WCAG AAA ✓ Pass

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

Hex 24A9AE Background



This preview shows how black text looks on a background with the Hex color 24A9AE.

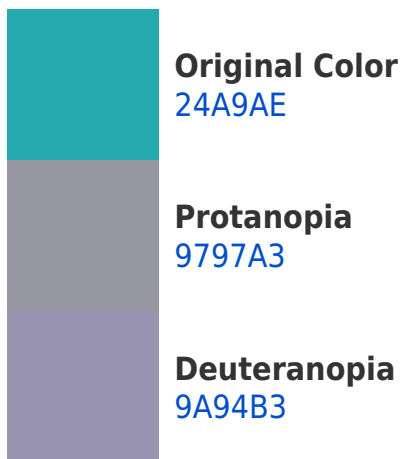


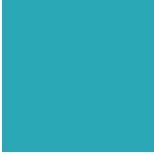
This preview shows how white text looks on a background with the Hex color 24A9AE.

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](#).

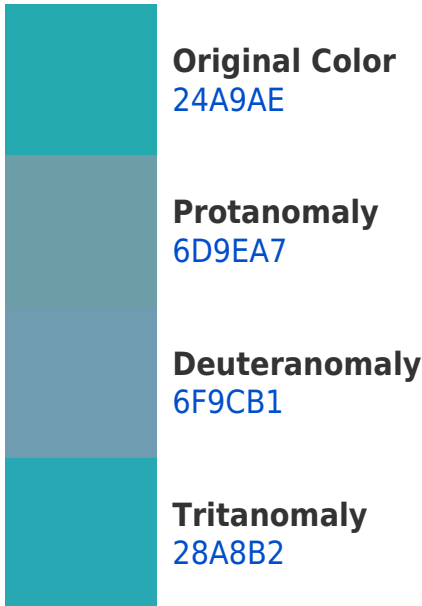
Dichromacy



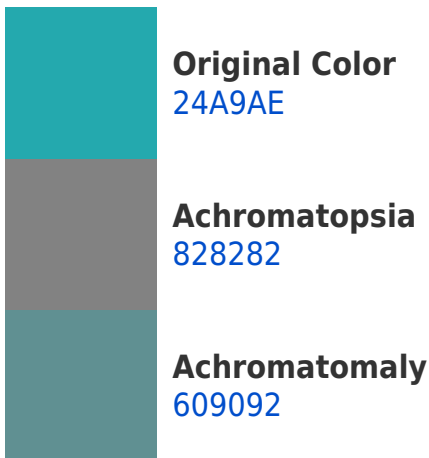


Tritanopia
2BA8B5

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24A9AE 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 #24A9AE looks like.

```
.text, #text, p{  
    color:#24A9AE  
}
```

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 #24A9AE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24A9AE
}
```

Border

The CSS property to change the border of an element to Hex 24A9AE 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
#24A9AE }
```

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

```
.border{ border-color:#24A9AE }
```

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

Here you see how a box with a 4 pixel #24A9AE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24A9AE; -webkit-box-shadow:4px 4px  
4px 4px #24A9AE; box-shadow:4px 4px 4px  
4px #24A9AE }
```

Background

The CSS property to change the background color of an element to Hex 24A9AE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24A9AE }
```

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

```
.background{ background-color:#24A9AE }
```

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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