

Converting Colors

Hex(24B2AC)

Have a look what the booklet for
Hex(24B2AC) contains.

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Color

Hex(24B2AC)

Conversions

Conversions Part 1

Format	Color
Hex	24B2AC
RGB	36, 178, 172
RGB Percent	14%, 70%, 67%
CMY	0.8588, 0.3020, 0.3255
CMYK	0.80, 0.00, 0.03, 0.30
HSL	177°, 66%, 42%
HSV	177°, 80%, 70%
XYZ	24.0943, 35.1944, 44.5530
YIQ	134.8580, -82.7060, -31.9700

Conversions

Conversions Part 2

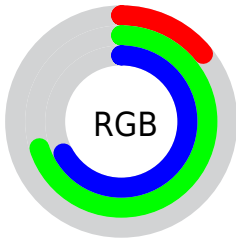
Format	Color
RYB	36, 109, 178
Decimal	2405036
CIELab	65.90, -36.57, -7.27
CIELCh	66, 37.289, 191.249
Yxy	35.1944, 0.2320, 0.3389
Android (android.graphics.Color)	4280595116 (0xFF24B2AC)
YUV	134.8580, 18.3110, -86.6985
Hunter-Lab	59.3249, -31.3221, -2.9994

Details

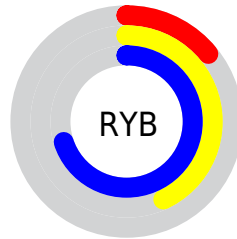
The Hex color **24B2AC** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **B2242A**, and the grayscale version is **878787**.

A 20% lighter version of the original color is **6CEAE3**, and **007D78** is the 20% darker color. If you saturate the color by 10%, you get **12B2AB**, and if you desaturate by 10%, it is **36B2AD**.

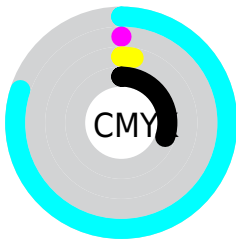
Distribution



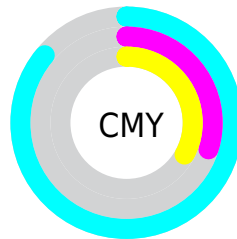
- Red (14%)
- Green (70%)
- Blue (67%)



- Red (14%)
- Yellow (43%)
- Blue (70%)



- Cyan (80%)
- Magenta (0%)
- Yellow (3%)
- Black (30%)



- Cyan (86%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B2AC 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 24B2AC by changing the saturation by 10% instead.

 24B2AC

 24B2AC


FFFFFF

 009791

 6CEAE3

 007D78

 8BFFFF

 00635F

 A9FFFF

 004A48

 C7FFFF

 003331

 E5FFFF

 001E1C

 000000

 24B2AC

 24B2AC

 12B2AB

 36B2AD

00B2AA

48B2AE

59B2AE

6BB2AF

7DB2B0

8FB2B1

A1B2B1

B2B2B2

C4B2B3

Harmonies

Analogous

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



5AB08A



24B2AC



00B0CB

Triad

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



24B2AC



B493D3



C89761

Complementary

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



24B2AC



B2242A

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.



DC8C76



24B2AC



D489B6

Square

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



24B2AC



849FE1



E18695



AAA25D

Rectangle

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



24B2AC



30ACDA



E18695



D09366

Sweetspot

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



24B2AC



B0E8E6



2BB224



537574



F5F5F5



757575

Same Dimension

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



24B2AC



09E8DF



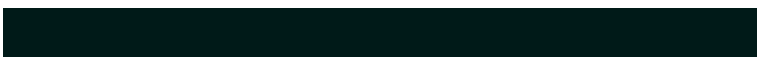
2472B2



505959



009993



001A18

Inverse Universe

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



B2242A



E80913



B26424



595051



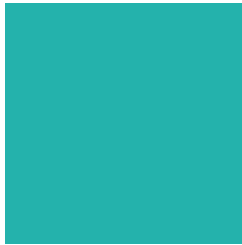
990006



1A0001

Previews

White Background



This preview shows how the Hex color 24B2AC 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 24B2AC looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

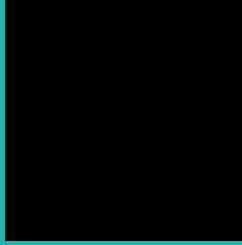
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

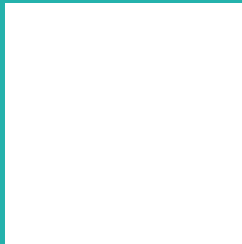
Any Text WCAG AAA ✓ Pass

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

Hex 24B2AC Background



This preview shows how black text looks on a background with the Hex color 24B2AC.

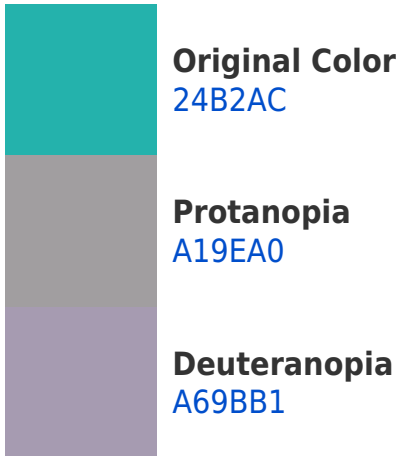


This preview shows how white text looks on a background with the Hex color 24B2AC.

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
32AFBE

Trichromacy



Original Color
24B2AC



Protanomaly
74A5A4



Deuteranomaly
77A3AF



Tritanomaly
2DB0B7

Monochromacy



Original Color
24B2AC



Achromatopsia
878787



Achromatomaly
639794

CSS Examples

Text

The CSS property to change the color of the text to Hex 24B2AC 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 #24B2AC looks like.

```
.text, #text, p{  
    color:#24B2AC  
}
```

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 #24B2AC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B2AC
}
```

Border

The CSS property to change the border of an element to Hex 24B2AC 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
#24B2AC }
```

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

```
.border{ border-color:#24B2AC }
```

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

Here you see how a box with a 4 pixel #24B2AC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B2AC; -webkit-box-shadow:4px 4px  
4px 4px #24B2AC; box-shadow:4px 4px 4px  
4px #24B2AC }
```

Background

The CSS property to change the background color of an element to Hex 24B2AC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B2AC }
```

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

```
.background{ background-color:#24B2AC }
```

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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