

Converting Colors

Hex(24B4C0)

Have a look what the booklet for
Hex(24B4C0) contains.

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Color

Hex(24B4C0)

Conversions

Conversions Part 1

Format	Color
Hex	24B4C0
RGB	36, 180, 192
RGB Percent	14%, 71%, 75%
CMY	0.8588, 0.2941, 0.2471
CMYK	0.81, 0.06, 0.00, 0.25
HSL	185°, 68%, 45%
HSV	185°, 81%, 75%
XYZ	26.5632, 36.8234, 55.5768
YIQ	138.3120, -89.6760, -26.7960

Conversions

Conversions Part 2

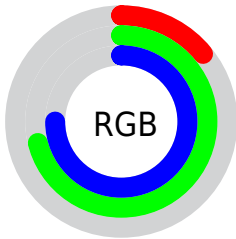
Format	Color
RYB	36, 111, 192
Decimal	2405568
CIELab	67.14, -31.48, -16.48
CIElCh	67, 35.533, 207.639
Yxy	36.8234, 0.2233, 0.3095
Android (android.graphics.Color)	4280595648 (0xFF24B4C0)
YUV	138.3120, 26.4682, -89.7276
Hunter-Lab	60.6823, -28.0568, -11.8241

Details

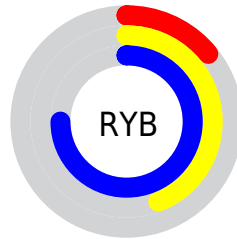
The Hex color **24B4C0** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted azure. A complement of this color would be **C03024**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6FECF8**, and **007F8B** is the 20% darker color. If you saturate the color by 10%, you get **11B3C0**, and if you desaturate by 10%, it is **37B5C0**.

Distribution



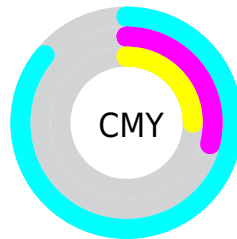
- Red (14%)
- Green (71%)
- Blue (75%)



- Red (14%)
- Yellow (44%)
- Blue (75%)



- Cyan (81%)
- Magenta (6%)
- Yellow (0%)
- Black (25%)



- Cyan (86%)
- Magenta (29%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24B4C0 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 24B4C0 by changing the saturation by 10% instead.

 24B4C0

 24B4C0

FFFFFF

 0099A5

 6FECF8

 007F8B

 8EFFFF

 006571

 ADFFFF


 004D59

 CBFFFF

 003541

 EAFFFF

 00222B

 000117

 000000

 24B4C0

 24B4C0

■ 11B3C0

■ 37B5C0

■ 00B1C0

■ 4AB7C0

■ 5EB8C0

■ 71BAC0

■ 84BBC0

■ 97BDC0

■ AABEC0

■ BEC0C0

■ D1C1C0

Harmonies

Analogous

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



4BB4A0



24B4C0



3BB0D9

Triad

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



24B4C0



C991C6



BBA163

Complementary

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



24B4C0



C03024

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.



D4966E



24B4C0



DE8BA7

Square

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



24B4C0



A49CDC



E18D87



9AAA6A

Rectangle

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



24B4C0



5FABE1



E18D87



C49D65

Sweetspot

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



24B4C0



BEF5FA



24C02E



597A7D



FCFCFC



7D7D7D

Same Dimension

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



24B4C0



05E7FA



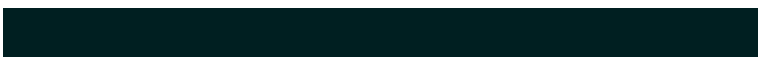
2468C0



576061



0094A1



001F21

Inverse Universe

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



C024B4



FA05E7



C07C24



615760



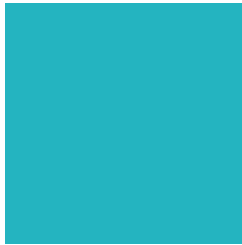
A10094



21001F

Previews

White Background



This preview shows how the Hex color 24B4C0 looks on a white background.

Color Contrast Check

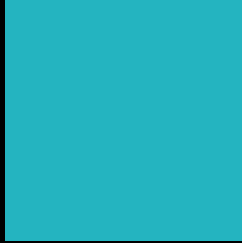
Large Text (above 18pt) WCAG AA × Fail

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 24B4C0 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

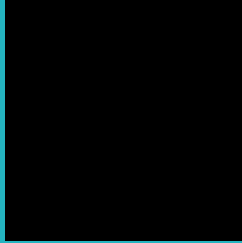
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

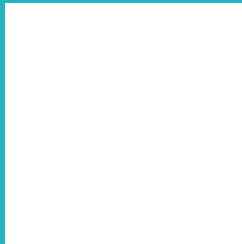
Any Text WCAG AAA ✓ Pass

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

Hex 24B4C0 Background



This preview shows how black text looks on a background with the Hex color 24B4C0.

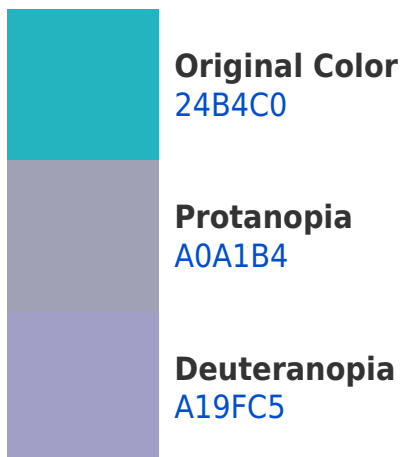


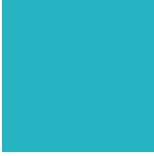
This preview shows how white text looks on a background with the Hex color 24B4C0.

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](#).

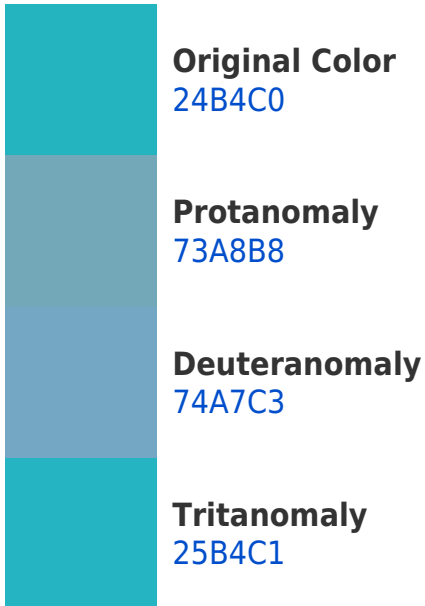
Dichromacy



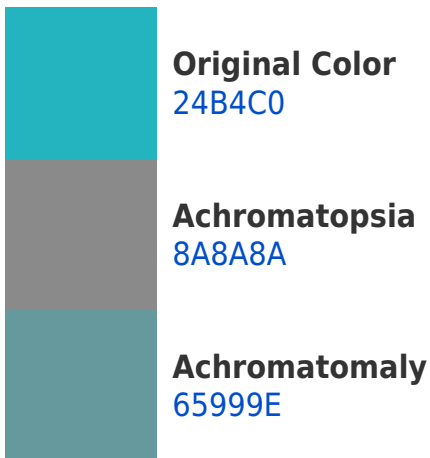


Tritanopia
26B4C2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24B4C0 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 #24B4C0 looks like.

```
.text, #text, p{  
    color:#24B4C0  
}
```

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 #24B4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24B4C0
}
```

Border

The CSS property to change the border of an element to Hex 24B4C0 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
#24B4C0 }
```

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

```
.border{ border-color:#24B4C0 }
```

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

Here you see how a box with a 4 pixel #24B4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24B4C0; -webkit-box-shadow:4px 4px  
4px 4px #24B4C0; box-shadow:4px 4px 4px  
4px #24B4C0 }
```

Background

The CSS property to change the background color of an element to Hex 24B4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24B4C0 }
```

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

```
.background{ background-color:#24B4C0 }
```

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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