

Converting Colors

Hex(24C3CE)

Have a look what the booklet for
Hex(24C3CE) contains.

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Color

Hex(24C3CE)

Conversions

Conversions Part 1

Format	Color
Hex	24C3CE
RGB	36, 195, 206
RGB Percent	14%, 76%, 81%
CMY	0.8588, 0.2353, 0.1922
CMYK	0.83, 0.05, 0.00, 0.19
HSL	184°, 70%, 47%
HSV	184°, 83%, 81%
XYZ	31.3832, 43.8615, 65.2046
YIQ	148.7130, -98.2950, -30.2870

Conversions

Conversions Part 2

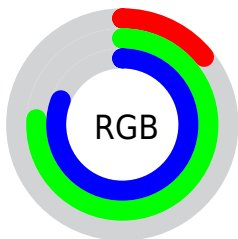
Format	Color
R _Y B	36, 118, 206
Decimal	2409422
CIE Lab	72.14, -34.31, -16.62
CIE LCh	72, 38.123, 205.847
Yxy	43.8615, 0.2234, 0.3123
Android (android.graphics.Color)	4280599502 (0xFF24C3CE)
YUV	148.7130, 28.2425, -98.8493
Hunter-Lab	66.2280, -31.3139, -12.0141

Details

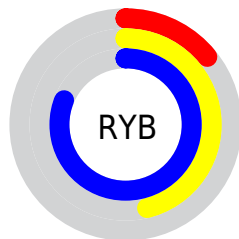
The Hex color **24C3CE** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **CE2F24**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **73FCFF**, and **008D98** is the 20% darker color. If you saturate the color by 10%, you get **0FC2CE**, and if you desaturate by 10%, it is **39C4CE**.

Distribution



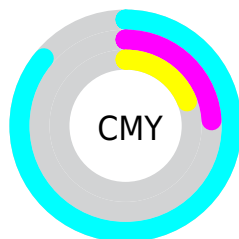
- Red (14%)
- Green (76%)
- Blue (81%)



- Red (14%)
- Yellow (46%)
- Blue (81%)



- Cyan (83%)
- Magenta (5%)
- Yellow (0%)
- Black (19%)



- Cyan (86%)
- Magenta (24%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24C3CE 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 24C3CE by changing the saturation by 10% instead.

 24C3CE

 24C3CE

FFFFFF

 00A7B3

 73FCFF

 008D98

 93FFFF

 00737E

 B2FFFF


 005A65

 D1FFFF

 00414D

 F0FFFF

 002B36

 001021

 000007

 000000

 24C3CE

 24C3CE

 0FC2CE

 39C4CE

 00C1CE

 4DC6CE

 62C7CE

 76C8CE

 8BCACE

 A0CBCE

 B4CCCE

 C9CECE

 DDCFCE

Harmonies

Analogous

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



52C3AB



24C3CE



3ABFEA

Triad

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



24C3CE



D89DD8



CCAD6B

Complementary

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



24C3CE



CE2F24

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.



E7A178



24C3CE



F096B7

Square

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



24C3CE



AEAAEF



F49894



A9B871

Rectangle

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



24C3CE



62B9F4



F49894



D6A96D

Sweetspot

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



24C3CE



BFFBFF



24CE2C



597D80



000000



808080

Same Dimension

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



24C3CE



03EFFF



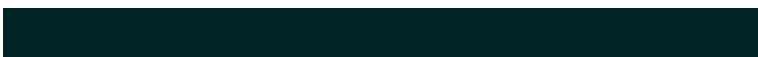
2471CE



5C6566



009BA6



002426

Inverse Universe

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



CE24C3



FF03EF



CE8124



665C65



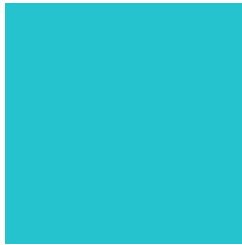
A6009B



260024

Previews

White Background



This preview shows how the Hex color 24C3CE looks on a white background.

Color Contrast Check

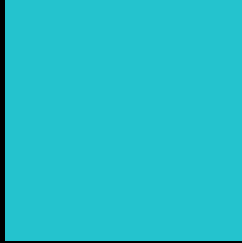
Large Text (above 18pt) WCAG AA × Fail

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 24C3CE 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 24C3CE Background



This preview shows how black text looks on a background with the Hex color 24C3CE.

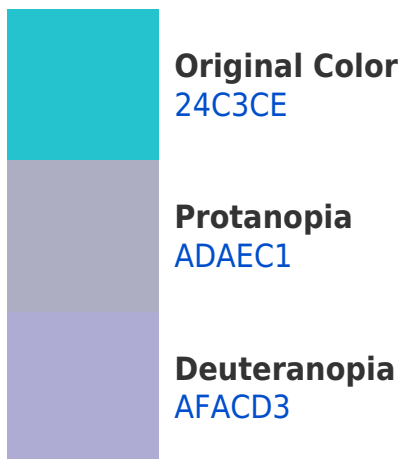


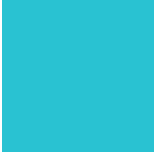
This preview shows how white text looks on a background with the Hex color 24C3CE.

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](#).

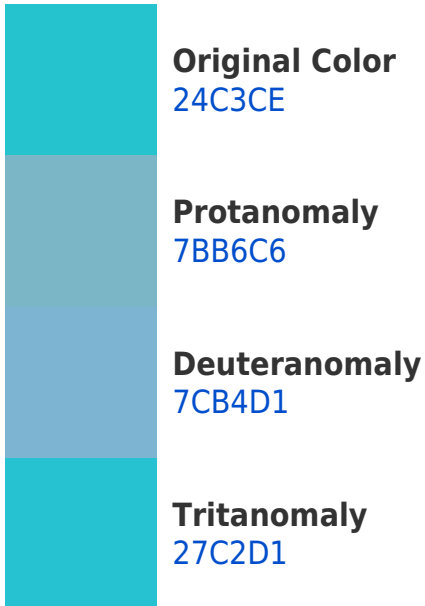
Dichromacy





Tritanopia
29C2D2

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 24C3CE 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 #24C3CE looks like.

```
.text, #text, p{  
    color:#24C3CE  
}
```

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 #24C3CE colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C3CE
}
```

Border

The CSS property to change the border of an element to Hex 24C3CE 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
#24C3CE }
```

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

```
.border{ border-color:#24C3CE }
```

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

Here you see how a box with a 4 pixel #24C3CE colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C3CE; -webkit-box-shadow:4px 4px  
4px 4px #24C3CE; box-shadow:4px 4px 4px  
4px #24C3CE }
```

Background

The CSS property to change the background color of an element to Hex 24C3CE is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C3CE }
```

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

```
.background{ background-color:#24C3CE }
```

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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