

Converting Colors

Hex(24C8C9)

Have a look what the booklet for
Hex(24C8C9) contains.

Hex(24C8C9)	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(24C8C9)

Conversions

Conversions Part 1

Format	Color
Hex	24C8C9
RGB	36, 200, 201
RGB Percent	14%, 78%, 79%
CMY	0.8588, 0.2157, 0.2118
CMYK	0.82, 0.00, 0.00, 0.21
HSL	180°, 70%, 46%
HSV	180°, 82%, 79%
XYZ	31.9244, 45.9007, 62.4355
YIQ	151.0780, -98.0650, -34.4570

Conversions

Conversions Part 2

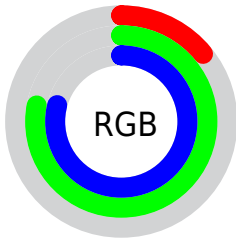
Format	Color
RYB	36, 118, 201
Decimal	2410697
CIELab	73.48, -38.13, -11.88
CIELCh	73, 39.940, 197.304
Yxy	45.9007, 0.2276, 0.3273
Android (android.graphics.Color)	4280600777 (0xFF24C8C9)
YUV	151.0780, 24.6115, -100.9234
Hunter-Lab	67.7500, -34.4517, -7.2140

Details

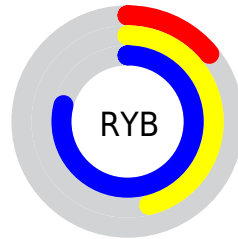
The Hex color **24C8C9** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted cyan. A complement of this color would be **C92524**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **73FFFF**, and **009193** is the 20% darker color. If you saturate the color by 10%, you get **10C8C9**, and if you desaturate by 10%, it is **38C8C9**.

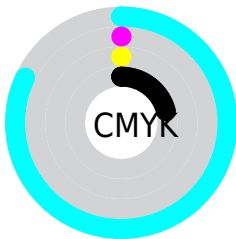
Distribution



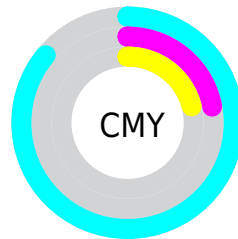
- Red (14%)
- Green (78%)
- Blue (79%)



- Red (14%)
- Yellow (46%)
- Blue (79%)



- Cyan (82%)
- Magenta (0%)
- Yellow (0%)
- Black (21%)



- Cyan (86%)
- Magenta (22%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the Hex color 24C8C9 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 24C8C9 by changing the saturation by 10% instead.

 24C8C9

 24C8C9

FFFFFF

 00ACAE

 73FFFF

 009193

 93FFFF

 007779

 B2FFFF

 005E61

 D1FFFF

 004549

 F0FFFF

 002E32

 00161E

 000002

 000000

■ 24C8C9

■ 24C8C9

■ 10C8C9

■ 38C8C9

■ 00C8C9

■ 4CC8C9

■ 60C8C9

■ 74C8C9

■ 89C9C9

■ 9DC9C9

■ B1C9C9

■ C5C9C9

■ D9C9C9

Harmonies

Analogous

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



5EC7A3



24C8C9



1AC5E9

Triad

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



24C8C9



D3A3E6



DAAD6D

Complementary

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



24C8C9



C92524

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.



F3A080



24C8C9



F29AC6

Square

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



24C8C9



A2B1FA



FC99A1



B7B96D

Rectangle

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



24C8C9



4CC0F7



FC99A1



E4A971

Sweetspot

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



24C8C9



BFFFFF



24C924



597F80



000000



808080

Same Dimension

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



24C8C9



03FDFF



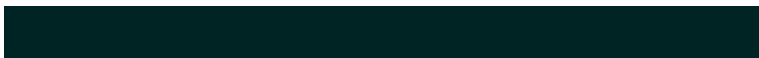
2477C9



5A6363



00A2A3



002324

Inverse Universe

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



C924C8



FF03FD



C97724



635A63



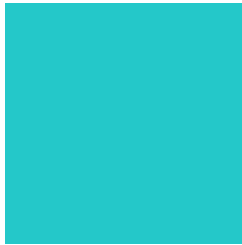
A300A2



240023

Previews

White Background



This preview shows how the Hex color 24C8C9 looks on a white background.

Color Contrast Check

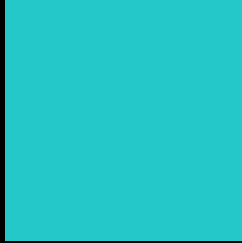
Large Text (above 18pt) WCAG AA × Fail

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 24C8C9 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

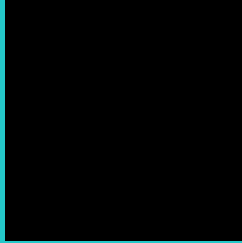
Any Text WCAG AA ✓ Pass

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 24C8C9 Background



This preview shows how black text looks on a background with the Hex color 24C8C9.



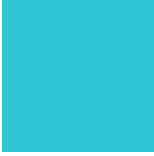
This preview shows how white text looks on a background with the Hex color 24C8C9.

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
31C6D6

Trichromacy



Original Color
24C8C9



Protanomaly
80BAC0



Deuteranomaly
82B8CD



Tritanomaly
2CC7D1

Monochromacy



Original Color
24C8C9



Achromatopsia
979797



Achromatomaly
6DA9A9

CSS Examples

Text

The CSS property to change the color of the text to Hex 24C8C9 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 #24C8C9 looks like.

```
.text, #text, p{  
    color:#24C8C9  
}
```

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 #24C8C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C8C9
}
```

Border

The CSS property to change the border of an element to Hex 24C8C9 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
#24C8C9 }
```

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

```
.border{ border-color:#24C8C9 }
```

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

Here you see how a box with a 4 pixel #24C8C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C8C9; -webkit-box-shadow:4px 4px  
4px 4px #24C8C9; box-shadow:4px 4px 4px  
4px #24C8C9 }
```

Background

The CSS property to change the background color of an element to Hex 24C8C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C8C9 }
```

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

```
.background{ background-color:#24C8C9 }
```

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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