

# Converting Colors

Hex(24C1A4)

Have a look what the booklet for  
Hex(24C1A4) contains.

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**Color**

**Hex(24C1A4)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C1A4
RGB	36, 193, 164
RGB Percent	14%, 76%, 64%
CMY	0.8588, 0.2431, 0.3569
CMYK	0.81, 0.00, 0.15, 0.24
HSL	169°, 69%, 45%
HSV	169°, 81%, 76%
XYZ	26.4984, 41.1953, 41.6768
YIQ	142.7510, -84.2630, -42.3030

# Conversions

## Conversions Part 2

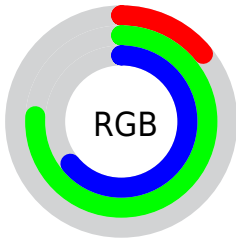
Format	Color
<a href="#">RYB</a>	<a href="#">36, 122, 193</a>
Decimal	<a href="#">2408868</a>
CIELab	<a href="#">70.31, -45.40, 3.60</a>
CIElCh	<a href="#">70, 45.544, 175.465</a>
Yxy	<a href="#">41.1953, 0.2423, 0.3767</a>
Android (android.graphics.Color)	<a href="#">4280598948 (0xFF24C1A4)</a>
YUV	<a href="#">142.7510, 10.4758, -93.6206</a>
Hunter-Lab	<a href="#">64.1836, -38.6271, 6.4293</a>

# Details

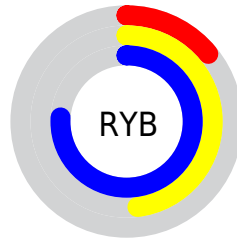
The Hex color **24C1A4** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **C12441**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6EFADB**, and **008A70** is the 20% darker color. If you saturate the color by 10%, you get **11C1A0**, and if you desaturate by 10%, it is **37C1A8**.

# Distribution



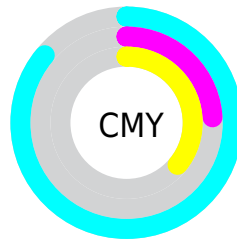
- Red (14%)
- Green (76%)
- Blue (64%)



- Red (14%)
- Yellow (48%)
- Blue (76%)



- Cyan (81%)
- Magenta (0%)
- Yellow (15%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (36%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24C1A4 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 24C1A4 by changing the saturation by 10% instead.





24C1A4



24C1A4

FFFFFF



00A58A



6EFADB



008A70



8DFFF7



007058



ACFFFF



005741



CAFFFF



003E2B



E9FFFF



002916



000200



000000



24C1A4



24C1A4

■ 11C1A0

■ 37C1A8

■ 00C19D

■ 4BC1AB

■ 5EC1AF

■ 71C1B2

■ 84C1B6

■ 98C1B9

■ ABC1BD

■ BEC1C1

■ D2C1C4

# Harmonies

## Analogous

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



70BD7B



24C1A4



00C1CE

# Triad

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



24C1A4



A6A4F7



EA9969

# Complementary

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



24C1A4



C12441

# 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.



FA8D8B



24C1A4



DA94DB

# Square

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



24C1A4



5AB2FE



F68BB4



CBA758

# Rectangle

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



24C1A4



00BEE6



F68BB4



F29473

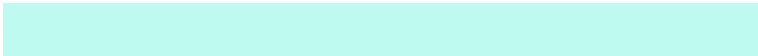


# Sweetspot

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



24C1A4



BEFAEF



43C124



597D76



FCFCFC



7D7D7D



# Same Dimension

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



24C1A4



05FACD



2492C1



57615F



00A183



00211B



# Inverse Universe

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



C12441



FA0532



C15324



615759



A1001E



210006



# Previews

## White Background



This preview shows how the Hex color 24C1A4 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 24C1A4 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

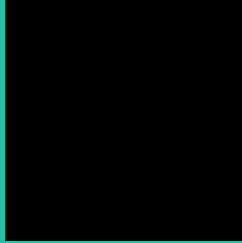
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

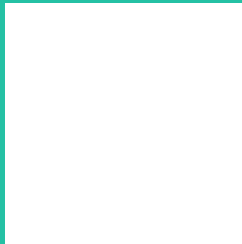
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 24C1A4 Background



This preview shows how black text looks on a background with the Hex color 24C1A4.

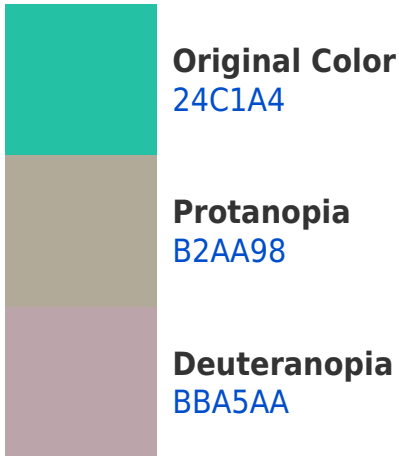


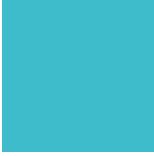
This preview shows how white text looks on a background with the Hex color 24C1A4.

# Color Blindness Simulation

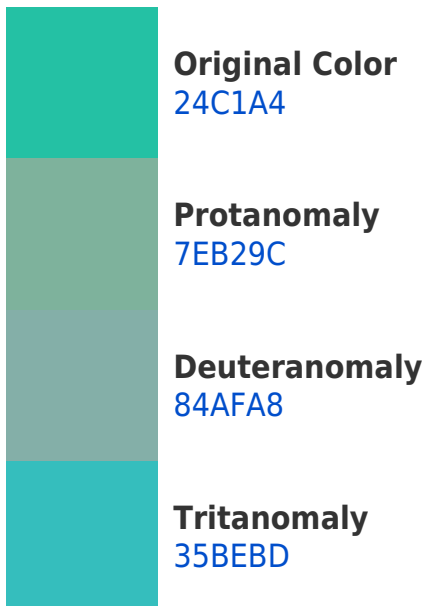
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy

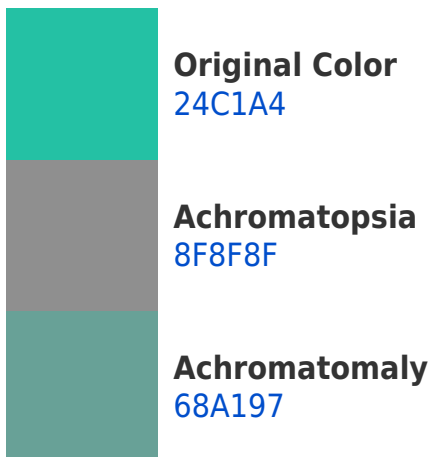




# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24C1A4 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 #24C1A4 looks like.

```
.text, #text, p{  
    color:#24C1A4  
}
```

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 #24C1A4 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C1A4
}
```

## Border

The CSS property to change the border of an element to Hex 24C1A4 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
#24C1A4 }
```

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

```
.border{ border-color:#24C1A4 }
```

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

Here you see how a box with a 4 pixel #24C1A4 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C1A4; -webkit-box-shadow:4px 4px  
4px 4px #24C1A4; box-shadow:4px 4px 4px  
4px #24C1A4 }
```

# Background

The CSS property to change the background color of an element to Hex 24C1A4 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C1A4 }
```

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

```
.background{ background-color:#24C1A4 }
```

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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