

# Converting Colors

Hex(24C09E)

Have a look what the booklet for  
Hex(24C09E) contains.

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**Color**

**Hex(24C09E)**

# Conversions

## Conversions Part 1

Format	Color
Hex	24C09E
RGB	36, 192, 158
RGB Percent	14%, 75%, 62%
CMY	0.8588, 0.2471, 0.3804
CMYK	0.81, 0.00, 0.18, 0.25
HSL	167°, 68%, 45%
HSV	167°, 81%, 75%
XYZ	25.7487, 40.5430, 38.8162
YIQ	141.4800, -82.0620, -43.6460

# Conversions

## Conversions Part 2

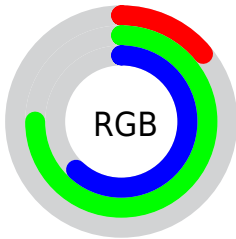
<b>Format</b>	<b>Color</b>
<b>RYB</b>	36, 124, 192
Decimal	2408606
CIELab	69.85, -46.54, 6.21
CIElCh	70, 46.949, 172.396
Yxy	40.5430, 0.2450, 0.3857
Android (android.graphics.Color)	4280598686 (0xFF24C09E)
YUV	141.4800, 8.1444, -92.5060
Hunter-Lab	63.6734, -39.2451, 8.4273

# Details

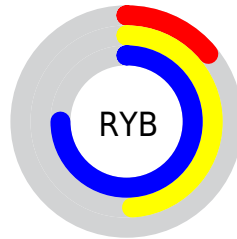
The Hex color **24C09E** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **C02446**, and the grayscale version is **8D8D8D**.

A 20% lighter version of the original color is **6EF9D5**, and **00896B** is the 20% darker color. If you saturate the color by 10%, you get **11C09A**, and if you desaturate by 10%, it is **37C0A2**.

# Distribution



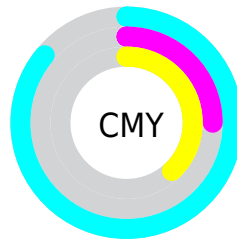
- Red (14%)
- Green (75%)
- Blue (62%)



- Red (14%)
- Yellow (49%)
- Blue (75%)



- Cyan (81%)
- Magenta (0%)
- Yellow (18%)
- Black (25%)



- Cyan (86%)
- Magenta (25%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 24C09E 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 24C09E by changing the saturation by 10% instead.



 24C09E

 24C09E


FFFFFF

 00A484

 6EF9D5

 00896B

 8DFFF1

 006F53

 ABFFFF

 00563C

 C9FFFF

 003D26


 E8FFFF

 002811

 000000

 24C09E

 24C09E

 11C09A

 37C0A2

 00C096

 4AC0A6

 5EC0AB

 71C0AF

 84C0B3

 97C0B7

 AAC0BB

 BEC0BF

 D1C0C4

# Harmonies

## Analogous

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



73BB75



24C09E



00C0CA

# Triad

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



24C09E



9DA4F9



ED9569

# Complementary

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



24C09E



C02446

# 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.



FB8A8C



24C09E



D594DF

# Square

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



24C09E



47B2FF



F589B7



CEA555

# Rectangle

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



24C09E



00BEE3



F589B7



F49073

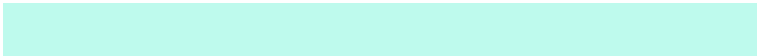


# Sweetspot

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



24C09E



BEFAED



48C024



597D75



FCFCFC



7D7D7D



# Same Dimension

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



24C09E



05FAC5



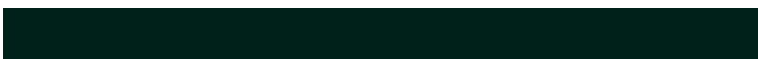
2496C0



57615F



00A17E



00211A



# Inverse Universe

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



C02446



FA053A



C04E24



615759



A10023

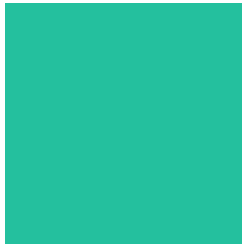


210007



# Previews

## White Background



This preview shows how the Hex color 24C09E looks on a white background.

## Color Contrast Check

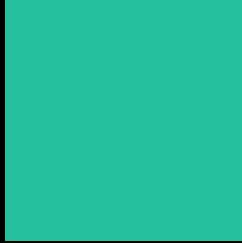
Large Text (above 18pt) WCAG AA × Fail

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 24C09E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

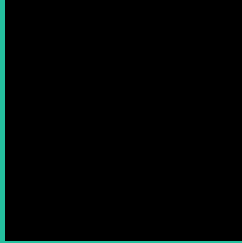
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 24C09E Background



This preview shows how black text looks on a background with the Hex color 24C09E.

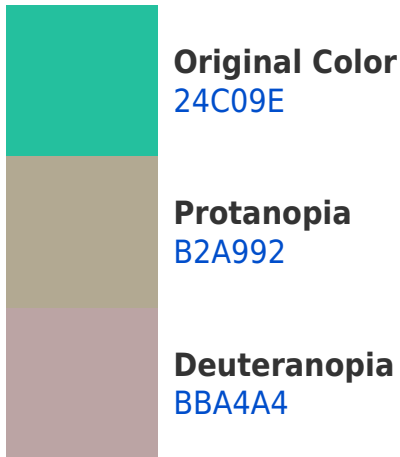


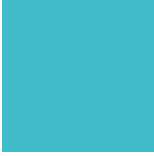
This preview shows how white text looks on a background with the Hex color 24C09E.

# 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](#).

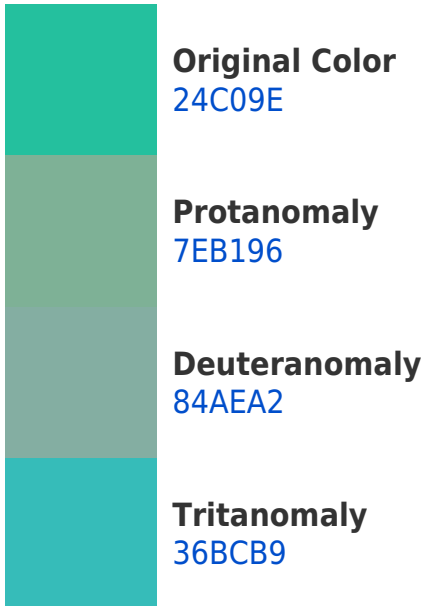
## Dichromacy





**Tritanopia**  
41BAC9

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 24C09E 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 #24C09E looks like.

```
.text, #text, p{  
    color:#24C09E  
}
```

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 #24C09E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #24C09E
}
```

## Border

The CSS property to change the border of an element to Hex 24C09E 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
#24C09E }
```

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

```
.border{ border-color:#24C09E }
```

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

Here you see how a box with a 4 pixel #24C09E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #24C09E; -webkit-box-shadow:4px 4px  
4px 4px #24C09E; box-shadow:4px 4px 4px  
4px #24C09E }
```

# Background

The CSS property to change the background color of an element to Hex 24C09E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#24C09E }
```

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

```
.background{ background-color:#24C09E }
```

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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