

# Converting Colors

Hex(14C9B0)

Have a look what the booklet for  
Hex(14C9B0) contains.

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# Color

Hex(14C9B0)

# Conversions

## Conversions Part 1

Format	Color
Hex	14C9B0
RGB	20, 201, 176
RGB Percent	8%, 79%, 69%
CMY	0.9216, 0.2118, 0.3098
CMYK	0.90, 0.00, 0.12, 0.21
HSL	172°, 82%, 43%
HSV	172°, 90%, 79%
XYZ	29.0116, 45.0566, 48.2420
YIQ	144.0310, -99.8510, -46.1470

# Conversions

## Conversions Part 2

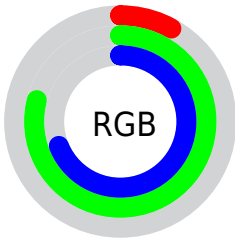
Format	Color
<a href="#">RYB</a>	<a href="#">20, 117, 201</a>
Decimal	<a href="#">1362352</a>
CIELab	<a href="#">72.93, -46.66, 0.86</a>
CIELCh	<a href="#">73, 46.671, 178.949</a>
Yxy	<a href="#">45.0566, 0.2372, 0.3684</a>
Android (android.graphics.Color)	<a href="#">4279552432</a> ( <a href="#">0xFF14C9B0</a> )
YUV	<a href="#">144.0310, 15.7607, -108.7752</a>
Hunter-Lab	<a href="#">67.1242, -40.3183, 4.3754</a>

# Details

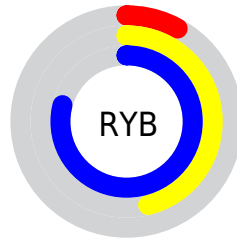
The Hex color **14C9B0** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **C9142D**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFE8**, and **00927C** is the 20% darker color. If you saturate the color by 10%, you get **00C9AD**, and if you desaturate by 10%, it is **28C9B3**.

# Distribution



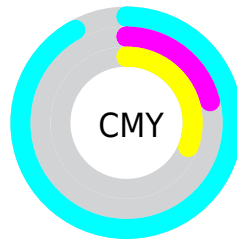
- Red (8%)
- Green (79%)
- Blue (69%)



- Red (8%)
- Yellow (46%)
- Blue (79%)



- Cyan (90%)
- Magenta (0%)
- Yellow (12%)
- Black (21%)



- Cyan (92%)
- Magenta (21%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14C9B0 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 14C9B0 by changing the saturation by 10% instead.



 14C9B0

 14C9B0

FFFFFF

 00AD95

 6BFFE8

 00927C

 8BFFFF

 007763

 AAFFFF

 005E4B

 C9FFFF

 004534

 E8FFFF

 002E1F

 001208

 000000

 14C9B0

 14C9B0

00C9AD

28C9B3

3CC9B6

50C9B8

64C9BB

79C9BE

8DC9C1

A1C9C3

B5C9C6

C9C9C9

# Harmonies

## Analogous

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



6FC585



14C9B0



00C8DB

# Triad

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



14C9B0



B4A8FE



F0A16B

# Complementary

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



14C9B0



C9142D

# 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.



FF948C



14C9B0



E799E0

# Square

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



14C9B0



6AB8FF



FF90B6



CFB05C

# Rectangle

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



14C9B0



00C5F2



FF90B6



F99C74

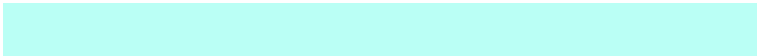


# Sweetspot

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



14C9B0



BAFFF5



2FC914



57807A



000000



808080



# Same Dimension

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



14C9B0



00FFDC



148AC9



5A6362



00A38D



00241F



# Inverse Universe

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



C9142D



FF0023



C95314



635A5B



A30017

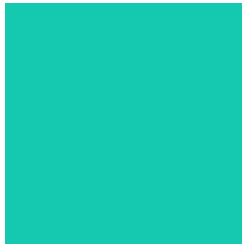


240005



# Previews

## White Background



This preview shows how the Hex color 14C9B0 looks on a white background.

## Color Contrast Check

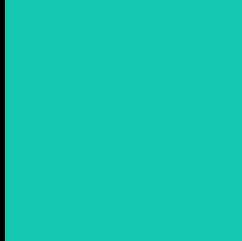
Large Text (above 18pt) WCAG AA × Fail

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 14C9B0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

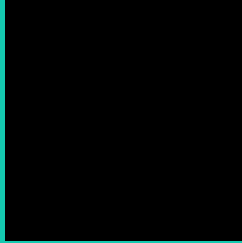
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

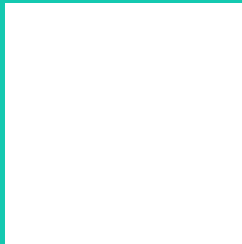
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14C9B0 Background



This preview shows how black text looks on a background with the Hex color 14C9B0.

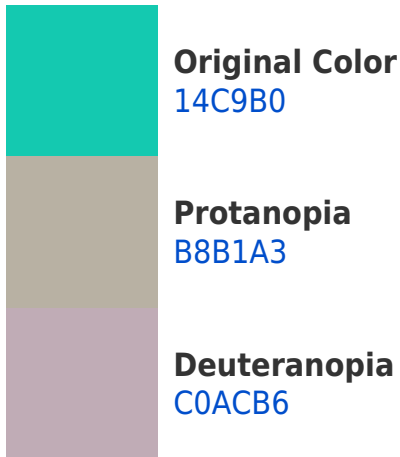


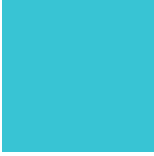
This preview shows how white text looks on a background with the Hex color 14C9B0.

# 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**  
38C4D4

# Trichromacy



**Original Color**  
14C9B0



**Protanomaly**  
7CBAA8



**Deuteranomaly**  
81B7B4



**Tritanomaly**  
2BC6C7

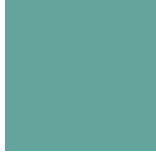
# Monochromacy



**Original Color**  
14C9B0



**Achromatopsia**  
909090



**Achromatomaly**  
63A59C

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14C9B0 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 #14C9B0 looks like.

```
.text, #text, p{  
    color:#14C9B0  
}
```

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 #14C9B0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14C9B0
}
```

## Border

The CSS property to change the border of an element to Hex 14C9B0 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
#14C9B0 }
```

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

```
.border{ border-color:#14C9B0 }
```

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

Here you see how a box with a 4 pixel #14C9B0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14C9B0; -webkit-box-shadow:4px 4px  
4px 4px #14C9B0; box-shadow:4px 4px 4px  
4px #14C9B0 }
```

# Background

The CSS property to change the background color of an element to Hex 14C9B0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14C9B0 }
```

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

```
.background{ background-color:#14C9B0 }
```

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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