

# Converting Colors

Hex(14C8B6)

Have a look what the booklet for  
Hex(14C8B6) contains.

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# Color

Hex(14C8B6)

# Conversions

## Conversions Part 1

Format	Color
Hex	14C8B6
RGB	20, 200, 182
RGB Percent	8%, 78%, 71%
CMY	0.9216, 0.2157, 0.2863
CMYK	0.90, 0.00, 0.09, 0.22
HSL	174°, 82%, 43%
HSV	174°, 90%, 78%
XYZ	29.3863, 44.8347, 51.3611
YIQ	144.1280, -101.5020, -43.7580

# Conversions

## Conversions Part 2

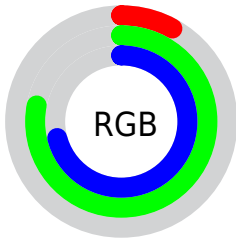
Format	Color
<a href="#">RYB</a>	<a href="#">20, 115, 200</a>
Decimal	<a href="#">1362102</a>
CIELab	<a href="#">72.78, -44.59, -2.61</a>
CIELCh	<a href="#">73, 44.667, 183.355</a>
Yxy	<a href="#">44.8347, 0.2340, 0.3570</a>
Android (android.graphics.Color)	<a href="#">4279552182</a> ( <a href="#">0xFF14C8B6</a> )
YUV	<a href="#">144.1280, 18.6709, -108.8603</a>
Hunter-Lab	<a href="#">66.9587, -38.8392, 1.3923</a>

# Details

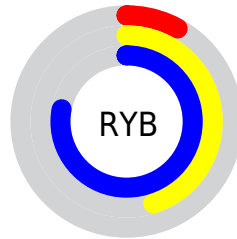
The Hex color **14C8B6** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C81426**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFEE**, and **009181** is the 20% darker color. If you saturate the color by 10%, you get **00C8B4**, and if you desaturate by 10%, it is **28C8B8**.

# Distribution



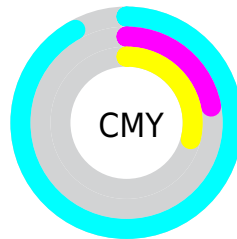
- Red (8%)
- Green (78%)
- Blue (71%)



- Red (8%)
- Yellow (45%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (9%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (29%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14C8B6 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 14C8B6 by changing the saturation by 10% instead.



 14C8B6

 14C8B6

FFFFFF

 00AC9B

 6BFFEE

 009181

 8BFFFF

 007768

 ABFFFF

 005D50

 CAFFFF

 004439

 E9FFFF

 002E24

 00120F

 000000

 14C8B6

 14C8B6

 00C8B4

 28C8B8

 3CC8BA

 50C8BC

 64C8BE

 78C8C0

 8CC8C2

 A0C8C4

 B4C8C6

 C8C8C8

# Harmonies

## Analogous

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



6AC58D



14C8B6



00C7DE

# Triad

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



14C8B6



BDA6F7



EAA36A

# Complementary

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



14C8B6



C81426

# 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.



FE9688



14C8B6



E998D8

# Square

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



14C8B6



7AB5FF



FF92B0



C8B25F

# Rectangle

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



14C8B6



00C3F3



FF92B0



F29F72



# Sweetspot

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



14C8B6



BAFFF8



26C814



57807B



000000



808080



# Same Dimension

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



14C8B6



00FFE5



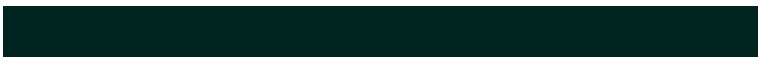
1480C8



5A6362



00A393



002420



# Inverse Universe

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



C81426



FF001A



C85C14



635A5A



A30010

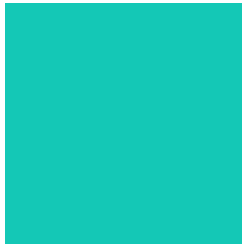


240004



# Previews

## White Background



This preview shows how the Hex color 14C8B6 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 14C8B6 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

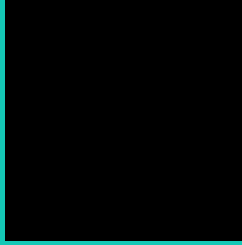
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

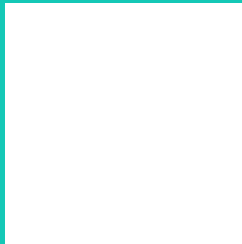
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14C8B6 Background



This preview shows how black text looks on a background with the Hex color 14C8B6.

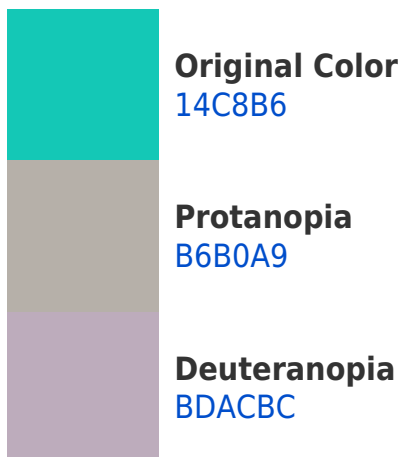


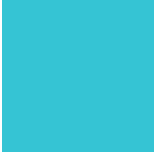
This preview shows how white text looks on a background with the Hex color 14C8B6.

# 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**  
35C4D4

# Trichromacy



**Original Color**  
14C8B6



**Protanomaly**  
7BB9AE



**Deuteranomaly**  
80B6BA



**Tritanomaly**  
29C5C9

# Monochromacy



**Original Color**  
14C8B6



**Achromatopsia**  
909090



**Achromatomaly**  
63A49E

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14C8B6 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 #14C8B6 looks like.

```
.text, #text, p{  
    color:#14C8B6  
}
```

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 #14C8B6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14C8B6
}
```

## Border

The CSS property to change the border of an element to Hex 14C8B6 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
#14C8B6 }
```

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

```
.border{ border-color:#14C8B6 }
```

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

Here you see how a box with a 4 pixel #14C8B6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14C8B6; -webkit-box-shadow:4px 4px  
4px 4px #14C8B6; box-shadow:4px 4px 4px  
4px #14C8B6 }
```

# Background

The CSS property to change the background color of an element to Hex 14C8B6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14C8B6 }
```

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

```
.background{ background-color:#14C8B6 }
```

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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