

Converting Colors

Hex(14C7BA)

Have a look what the booklet for
Hex(14C7BA) contains.

Hex(14C7BA)	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(14C7BA)

Conversions

Conversions Part 1

Format	Color
Hex	14C7BA
RGB	20, 199, 186
RGB Percent	8%, 78%, 73%
CMY	0.9216, 0.2196, 0.2706
CMYK	0.90, 0.00, 0.07, 0.22
HSL	176°, 82%, 43%
HSV	176°, 90%, 78%
XYZ	29.5748, 44.5407, 53.4928
YIQ	143.9970, -102.5110, -41.9910

Conversions

Conversions Part 2

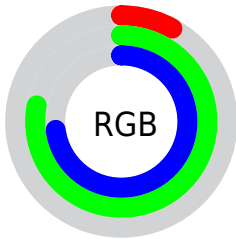
Format	Color
R _Y B	20, 113, 199
Decimal	1361850
CIE Lab	72.59, -43.03, -5.07
CIE LCh	73, 43.328, 186.725
Yxy	44.5407, 0.2318, 0.3490
Android (android.graphics.Color)	4279551930 (0xFF14C7BA)
YUV	143.9970, 20.7075, -108.7454
Hunter-Lab	66.7388, -37.6920, -0.8052

Details

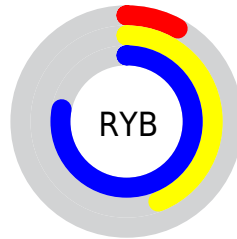
The Hex color **14C7BA** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **C71421**, and the grayscale version is **909090**.

A 20% lighter version of the original color is **6BFFF2**, and **009085** is the 20% darker color. If you saturate the color by 10%, you get **00C7B9**, and if you desaturate by 10%, it is **28C7BB**.

Distribution



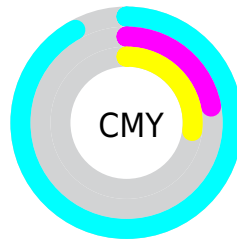
- Red (8%)
- Green (78%)
- Blue (73%)



- Red (8%)
- Yellow (44%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (7%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14C7BA 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 14C7BA by changing the saturation by 10% instead.

 14C7BA

 14C7BA

FFFFFF

 00AB9F

 6BFFF2

 009085

 8CFFFF

 00766C

 ABFFFF

 005C54

 CAFFFF

 00443D

 E9FFFF

 002D27

 001113

 000000

 14C7BA

 14C7BA

■ 00C7B9

■ 28C7BB

■ 3CC7BD

■ 50C7BE

■ 64C7C0

■ 78C7C1

■ 8BC7C3

■ 9FC7C4

■ B3C7C6

■ C7C7C7

Harmonies

Analogous

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



66C491



14C7BA



00C5E0

Triad

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



14C7BA



C2A4F2



E5A56A

Complementary

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



14C7BA



C71421

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.



FA9885



14C7BA



EB97D2

Square

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



14C7BA



85B3FF



FE92AB



C3B362

Rectangle

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



14C7BA



00C1F3



FE92AB



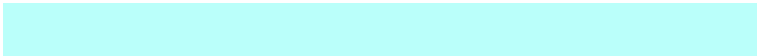
EEA071

Sweetspot

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



14C7BA



BAFFFA



23C714



57807D



000000



808080

Same Dimension

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



14C7BA



00FFEC



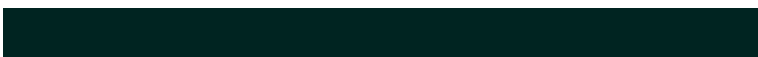
147CC7



5A6363



00A397



002421

Inverse Universe

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



C71421



FF0013



C75F14



635A5A



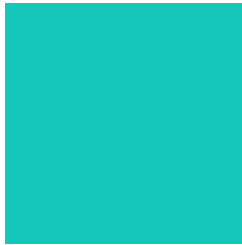
A3000C



240003

Previews

White Background



This preview shows how the Hex color 14C7BA looks on a white background.

Color Contrast Check

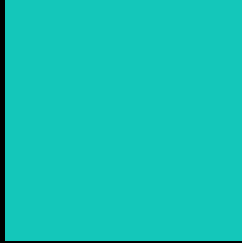
Large Text (above 18pt) WCAG AA × Fail

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 14C7BA looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

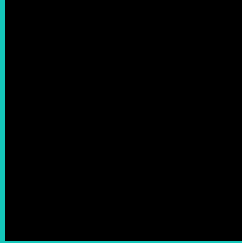
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

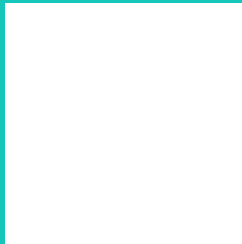
Any Text WCAG AAA ✓ Pass

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

Hex 14C7BA Background



This preview shows how black text looks on a background with the Hex color 14C7BA.

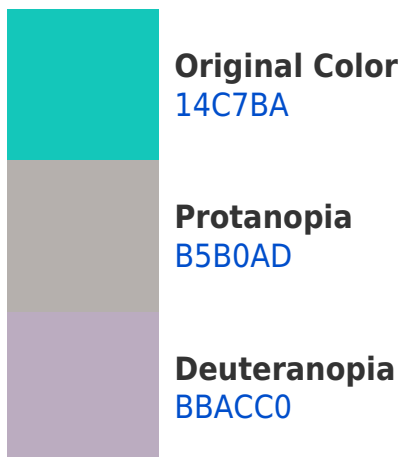


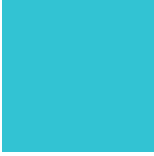
This preview shows how white text looks on a background with the Hex color 14C7BA.

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



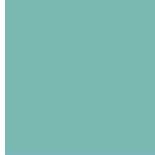


Tritanopia
32C3D3

Trichromacy



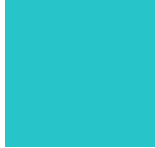
Original Color
14C7BA



Protanomaly
7AB8B2



Deuteranomaly
7EB6BE



Tritanomaly
27C4CA

Monochromacy



Original Color
14C7BA



Achromatopsia
909090



Achromatomaly
63A49F

CSS Examples

Text

The CSS property to change the color of the text to Hex 14C7BA 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 #14C7BA looks like.

```
.text, #text, p{  
    color:#14C7BA  
}
```

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 #14C7BA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14C7BA
}
```

Border

The CSS property to change the border of an element to Hex 14C7BA 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
#14C7BA }
```

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

```
.border{ border-color:#14C7BA }
```

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

Here you see how a box with a 4 pixel #14C7BA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14C7BA; -webkit-box-shadow:4px 4px  
4px 4px #14C7BA; box-shadow:4px 4px 4px  
4px #14C7BA }
```

Background

The CSS property to change the background color of an element to Hex 14C7BA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14C7BA }
```

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

```
.background{ background-color:#14C7BA }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor