

Converting Colors

Hex(14C68A)

Have a look what the booklet for
Hex(14C68A) contains.

Hex(14C68A)	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(14C68A)

Conversions

Conversions Part 1

Format	Color
Hex	14C68A
RGB	20, 198, 138
RGB Percent	8%, 78%, 54%
CMY	0.9216, 0.2235, 0.4588
CMYK	0.90, 0.00, 0.30, 0.22
HSL	160°, 82%, 43%
HSV	160°, 90%, 78%
XYZ	25.0700, 42.3719, 30.9020
YIQ	137.9380, -86.8280, -56.3960

Conversions

Conversions Part 2

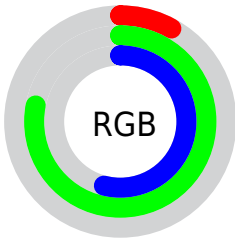
Format	Color
RYB	20, 127, 198
Decimal	1361546
CIELab	71.13, -54.89, 18.78
CIELCh	71, 58.013, 161.107
Yxy	42.3719, 0.2549, 0.4309
Android (android.graphics.Color)	4279551626 (0xFF14C68A)
YUV	137.9380, 0.0306, -103.4316
Hunter-Lab	65.0937, -45.1669, 17.4187

Details

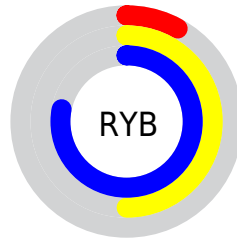
The Hex color **14C68A** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **C61450**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **68FFC0**, and **008F58** is the 20% darker color. If you saturate the color by 10%, you get **00C683**, and if you desaturate by 10%, it is **28C691**.

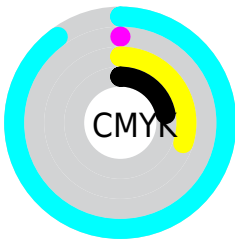
Distribution



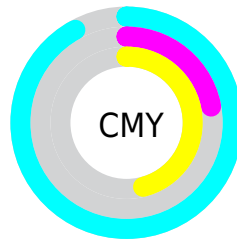
- Red (8%)
- Green (78%)
- Blue (54%)



- Red (8%)
- Yellow (50%)
- Blue (78%)



- Cyan (90%)
- Magenta (0%)
- Yellow (30%)
- Black (22%)



- Cyan (92%)
- Magenta (22%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14C68A 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 14C68A by changing the saturation by 10% instead.

 14C68A

 14C68A

FFFFFF

 00AA70

 68FFC0

 008F58

 88FFDC

 007440

 A7FFF8

 005A2A

 C5FFFF

 004114

 E4FFFF

 002B00

 000800

 000000

 14C68A

 14C68A

■ 00C683

■ 28C691

■ 3CC697

■ 4FC69E

■ 63C6A5

■ 77C6AB

■ 8BC6B2

■ 9FC6B9

■ B2C6BF

■ C6C6C6

Harmonies

Analogous

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



7FBF5B



14C68A



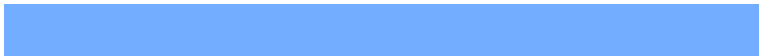
00C8C1

Triad

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



14C68A



73ADFF



FF8B6B

Complementary

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



14C68A



C61450

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.



FF809C



14C68A



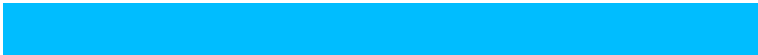
CB98FE

Square

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



14C68A



00BDFE



FD85D2



E79F48

Rectangle

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



14C68A



00C7E3



FD85D2



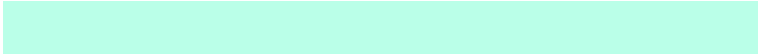
FF867A

Sweetspot

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



14C68A



BAFFE8



52C614



578072



000000



808080

Same Dimension

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



14C68A



00FFA9



14ABC6



5A6360



00A36C



002418

Inverse Universe

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



C61450



FF0056



C62F14



635A5D



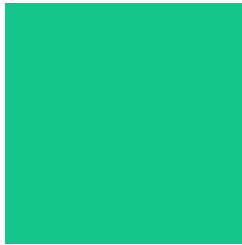
A30037



24000C

Previews

White Background



This preview shows how the Hex color 14C68A 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 14C68A 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 14C68A Background



This preview shows how black text looks on a background with the Hex color 14C68A.

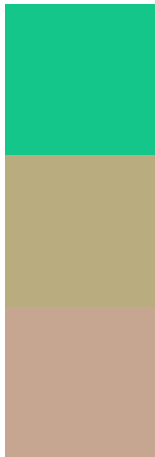


This preview shows how white text looks on a background with the Hex color 14C68A.

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](#).

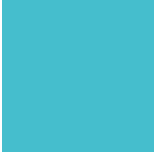
Dichromacy



Original Color
14C68A

Protanopia
B9AC7E

Deuteranopia
C7A691



Tritanopia
45BECD

Trichromacy



Original Color
14C68A



Protanomaly
7DB582



Deuteranomaly
86B28E



Tritanomaly
33C1B5

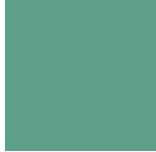
Monochromacy



Original Color
14C68A



Achromatopsia
8A8A8A



Achromatomaly
5FA08A

CSS Examples

Text

The CSS property to change the color of the text to Hex 14C68A 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 #14C68A looks like.

```
.text, #text, p{  
    color:#14C68A  
}
```

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 #14C68A colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14C68A
}
```

Border

The CSS property to change the border of an element to Hex 14C68A 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
#14C68A }
```

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

```
.border{ border-color:#14C68A }
```

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

Here you see how a box with a 4 pixel #14C68A colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14C68A; -webkit-box-shadow:4px 4px  
4px 4px #14C68A; box-shadow:4px 4px 4px  
4px #14C68A }
```

Background

The CSS property to change the background color of an element to Hex 14C68A is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14C68A }
```

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

```
.background{ background-color:#14C68A }
```

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