

# Converting Colors

Hex(14CD8E)

Have a look what the booklet for  
Hex(14CD8E) contains.

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# Color

Hex(14CD8E)

# Conversions

## Conversions Part 1

Format	Color
Hex	14CD8E
RGB	20, 205, 142
RGB Percent	8%, 80%, 56%
CMY	0.9216, 0.1961, 0.4431
CMYK	0.90, 0.00, 0.31, 0.20
HSL	160°, 82%, 44%
HSV	160°, 90%, 80%
XYZ	27.0023, 45.7644, 33.0014
YIQ	142.5030, -90.0370, -58.8130

# Conversions

## Conversions Part 2

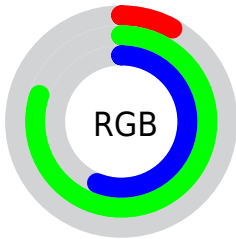
Format	Color
<a href="#">RYB</a>	<a href="#">20, 131, 205</a>
Decimal	<a href="#">1363342</a>
CIELab	<a href="#">73.39, -56.62, 19.78</a>
CIELCh	<a href="#">73, 59.974, 160.743</a>
Yxy	<a href="#">45.7644, 0.2553, 0.4327</a>
Android (android.graphics.Color)	<a href="#">4279553422 (0xFF14CD8E)</a>
YUV	<a href="#">142.5030, -0.2480, -107.4351</a>
Hunter-Lab	<a href="#">67.6494, -47.1380, 18.4311</a>

# Details

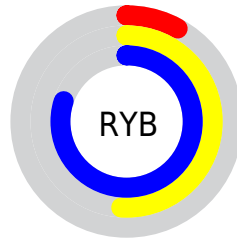
The Hex color **14CD8E** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **CD1453**, and the grayscale version is **8F8F8F**.

A 20% lighter version of the original color is **6AFFC4**, and **00955B** is the 20% darker color. If you saturate the color by 10%, you get **00CD87**, and if you desaturate by 10%, it is **28CD95**.

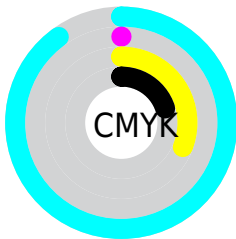
# Distribution



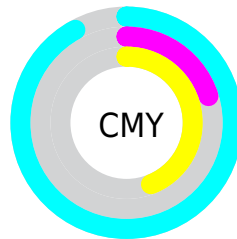
- Red (8%)
- Green (80%)
- Blue (56%)



- Red (8%)
- Yellow (51%)
- Blue (80%)



- Cyan (90%)
- Magenta (0%)
- Yellow (31%)
- Black (20%)



- Cyan (92%)
- Magenta (20%)
- Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14CD8E 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 14CD8E by changing the saturation by 10% instead.



 14CD8E

 14CD8E

FFFFFF

 00B174

 6AFFC4

 00955B

 8AFFE0

 007B44

 A9FFFD

 00612D

 C8FFFF

 004717

 E7FFFF

 003100

 001400

 000000

 14CD8E

 14CD8E

■ 00CD87

■ 28CD95

■ 3DCD9C

■ 51CDA3

■ 66CDAA

■ 7ACDB1

■ 8FCDB8

■ A3CDBF

■ B8CDC6

■ CDCDCD

# Harmonies

## Analogous

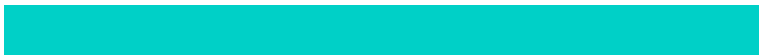
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84C55D



14CD8E



00D0C7

# Triad

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



14CD8E



74B4FF



FF906F

# Complementary

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



14CD8E



CD1453

# 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.



FF84A3



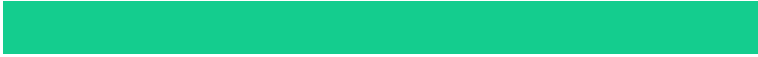
14CD8E



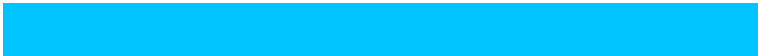
D29EFF

# Square

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



14CD8E



00C4FF



FF8ADA



F0A54A

# Rectangle

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



14CD8E



00CEEB



FF8ADA



FF8A7F

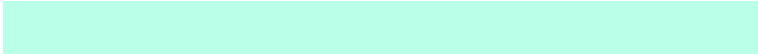


# Sweetspot

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



14CD8E



BAFFE8



55CD14



578072



000000



808080



# Same Dimension

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



14CD8E



00FFA8



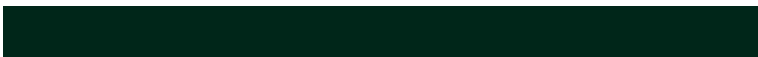
14B1CD



5C6663



00A66D



002619



# Inverse Universe

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



CD1453



FF0057



CD3014



665C5F



A60038

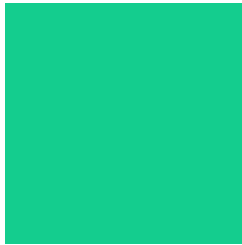


26000D



# Previews

## White Background



This preview shows how the Hex color 14CD8E 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 14CD8E looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

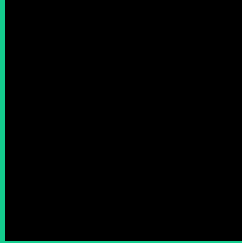
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 14CD8E Background



This preview shows how black text looks on a background with the Hex color 14CD8E.

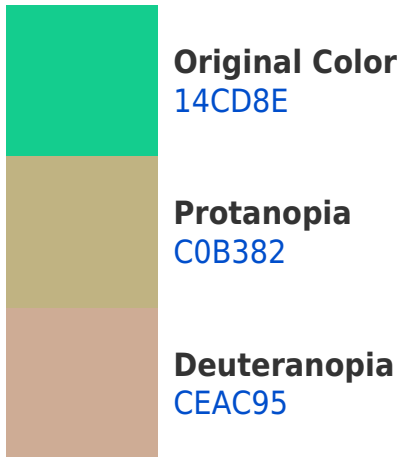


This preview shows how white text looks on a background with the Hex color 14CD8E.

# 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**  
47C4D4

# Trichromacy



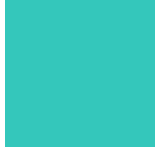
**Original Color**  
14CD8E



**Protanomaly**  
81BC86



**Deuteranomaly**  
8AB892



**Tritanomaly**  
34C7BB

# Monochromacy



**Original Color**  
14CD8E



**Achromatopsia**  
8F8F8F



**Achromatomaly**  
62A68F

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14CD8E 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 #14CD8E looks like.

```
.text, #text, p{  
    color:#14CD8E  
}
```

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 #14CD8E colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14CD8E
}
```

## Border

The CSS property to change the border of an element to Hex 14CD8E 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
#14CD8E }
```

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

```
.border{ border-color:#14CD8E }
```

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

Here you see how a box with a 4 pixel #14CD8E colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14CD8E; -webkit-box-shadow:4px 4px  
4px 4px #14CD8E; box-shadow:4px 4px 4px  
4px #14CD8E }
```

# Background

The CSS property to change the background color of an element to Hex 14CD8E is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14CD8E }
```

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

```
.background{ background-color:#14CD8E }
```

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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