

# Converting Colors

Hex(14D4C0)

Have a look what the booklet for  
Hex(14D4C0) contains.

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# Color

Hex(14D4C0)

# Conversions

## Conversions Part 1

Format	Color
Hex	14D4C0
RGB	20, 212, 192
RGB Percent	8%, 83%, 75%
CMY	0.9216, 0.1686, 0.2471
CMYK	0.91, 0.00, 0.09, 0.17
HSL	174°, 83%, 45%
HSV	174°, 91%, 83%
XYZ	33.3464, 51.0415, 57.9636
YIQ	152.3120, -108.0120, -46.9240

# Conversions

## Conversions Part 2

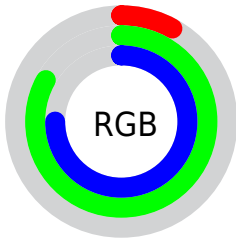
Format	Color
<a href="#">RYB</a>	<a href="#">20, 121, 212</a>
Decimal	<a href="#">1365184</a>
CIELab	<a href="#">76.70, -46.94, -2.26</a>
CIElCh	<a href="#">77, 46.994, 182.753</a>
Yxy	<a href="#">51.0415, 0.2343, 0.3586</a>
Android (android.graphics.Color)	<a href="#">4279555264</a> ( <a href="#">0xFF14D4C0</a> )
YUV	<a href="#">152.3120, 19.5662, -116.0376</a>
Hunter-Lab	<a href="#">71.4433, -41.7103, 1.9070</a>

# Details

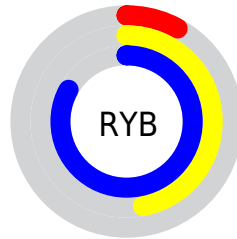
The Hex color **14D4C0** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D41428**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6EFFF8**, and **009C8B** is the 20% darker color. If you saturate the color by 10%, you get **00D4BE**, and if you desaturate by 10%, it is **29D4C2**.

# Distribution



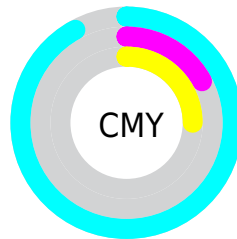
- Red (8%)
- Green (83%)
- Blue (75%)



- Red (8%)
- Yellow (47%)
- Blue (83%)



- Cyan (91%)
- Magenta (0%)
- Yellow (9%)
- Black (17%)



- Cyan (92%)
- Magenta (17%)
- Yellow (25%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14D4C0 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 14D4C0 by changing the saturation by 10% instead.



 14D4C0

 14D4C0

FFFFFF

 00B8A5

 6EFFF8

 009C8B

 8FFFFFF

 008271

 AFFFFFF

 006859

 CEFFFF

 004E42

 EDFFFF

 00362C

 002017

 000000

 14D4C0

 14D4C0

 00D4BE

 29D4C2

 3ED4C4

 54D4C7

 69D4C9

 7ED4CB

 93D4CD

 A8D4CF

 BED4D2

 D3D4D4

# Harmonies

## Analogous

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



71D194



14D4C0



00D3EB

# Triad

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



14D4C0



C7B0FF



F9AD71

# Complementary

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



14D4C0



D41428

# 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.



FF9F91



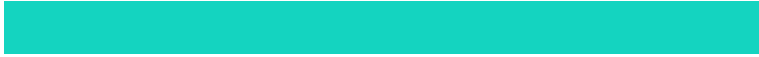
14D4C0



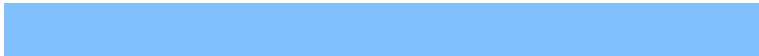
F7A1E6

# Square

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



14D4C0



80C0FF



FF9ABB



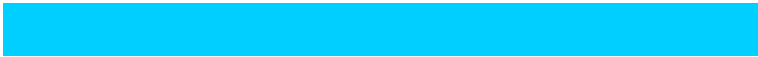
D5BC65

# Rectangle

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



14D4C0



00CFFF



FF9ABB



FFA87A



# Sweetspot

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



14D4C0



BAFF8



2AD414



57807B



000000



808080



# Same Dimension

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



14D4C0



00FFE4



148AD4



606B6A



00AB99



002B27



# Inverse Universe

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



D41428



FF001B



D45E14



6B6062



AB0012

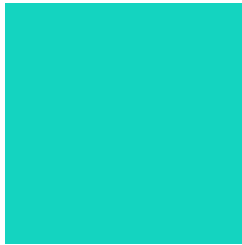


2B0005



# Previews

## White Background



This preview shows how the Hex color 14D4C0 looks on a white background.

## Color Contrast Check

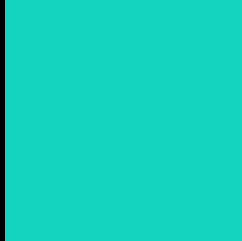
Large Text (above 18pt) WCAG AA × Fail

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 14D4C0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

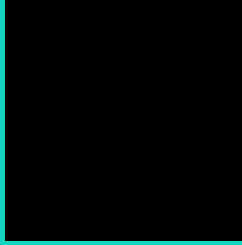
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

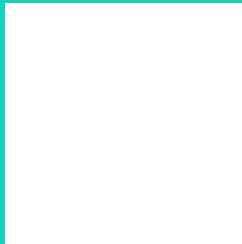
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14D4C0 Background



This preview shows how black text looks on a background with the Hex color 14D4C0.



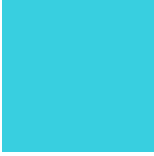
This preview shows how white text looks on a background with the Hex color 14D4C0.

# 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**  
38CFE0

# Trichromacy



**Original Color**  
14D4C0



**Protanomaly**  
82C4B7

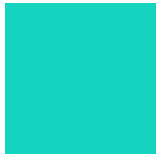


**Deuteranomaly**  
87C1C4

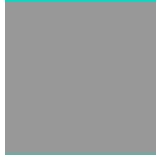


**Tritanomaly**  
2BD1D4

# Monochromacy



**Original Color**  
14D4C0



**Achromatopsia**  
989898



**Achromatomaly**  
68AEA7

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14D4C0 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 #14D4C0 looks like.

```
.text, #text, p{  
    color:#14D4C0  
}
```

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 #14D4C0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14D4C0
}
```

## Border

The CSS property to change the border of an element to Hex 14D4C0 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
#14D4C0 }
```

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

```
.border{ border-color:#14D4C0 }
```

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

Here you see how a box with a 4 pixel #14D4C0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14D4C0; -webkit-box-shadow:4px 4px  
4px 4px #14D4C0; box-shadow:4px 4px 4px  
4px #14D4C0 }
```

# Background

The CSS property to change the background color of an element to Hex 14D4C0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14D4C0 }
```

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

```
.background{ background-color:#14D4C0 }
```

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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