

# Converting Colors

Hex(14B0CC)

Have a look what the booklet for  
Hex(14B0CC) contains.

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# **Color**

**Hex(14B0CC)**

# Conversions

## Conversions Part 1

Format	Color
Hex	14B0CC
RGB	20, 176, 204
RGB Percent	8%, 69%, 80%
CMY	0.9216, 0.3098, 0.2000
CMYK	0.90, 0.14, 0.00, 0.20
HSL	189°, 82%, 44%
HSV	189°, 90%, 80%
XYZ	26.7129, 35.5590, 62.5824
YIQ	132.5480, -101.9640, -24.3640

# Conversions

## Conversions Part 2

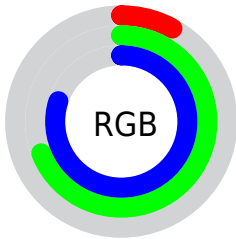
<b>Format</b>	<b>Color</b>
<b>RYB</b>	20, 104, 204
Decimal	1355980
CIELab	66.18, -26.72, -24.60
CIELCh	66, 36.314, 222.633
Yxy	35.5590, 0.2140, 0.2848
Android (android.graphics.Color)	4279546060 (0xFF14B0CC)
YUV	132.5480, 35.2258, -98.7046
Hunter-Lab	59.6314, -24.3928, -20.4821

# Details

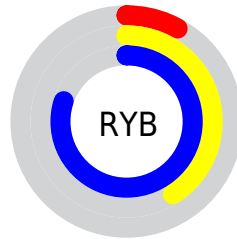
The Hex color **14B0CC** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **CC3014**, and the grayscale version is **848484**.

A 20% lighter version of the original color is **6AE8FF**, and **007B96** is the 20% darker color. If you saturate the color by 10%, you get **00ADCC**, and if you desaturate by 10%, it is **28B3CC**.

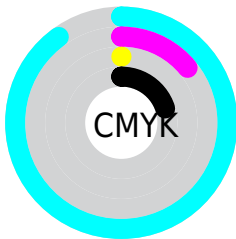
# Distribution



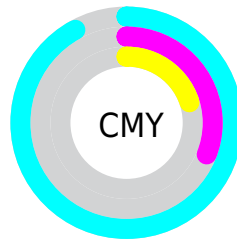
- Red (8%)
- Green (69%)
- Blue (80%)



- Red (8%)
- Yellow (41%)
- Blue (80%)



- Cyan (90%)
- Magenta (14%)
- Yellow (0%)
- Black (20%)



- Cyan (92%)
- Magenta (31%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14B0CC 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 14B0CC by changing the saturation by 10% instead.



 14B0CC

 14B0CC

FFFFFF

 0095B1

 6AE8FF

 007B96

 8AFFFF

 00627C

 A9FFFF


 004A63

 C8FFFF

 00334B

 E7FFFF

 002034

 00021F

 000002

 000000

■ 14B0CC

■ 14B0CC

■ 00ADCC

■ 28B3CC

■ 3DB6CC

■ 51B9CC

■ 66BCCC

■ 7AC0CC

■ 8EC3CC

■ A3C6CC

■ B7C9CC

■ CCCCCC

# Harmonies

## Analogous

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



2BB2AE



14B0CC



4FAADE

# Triad

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



14B0CC



D48AB5



A9A360

# Complementary

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



14B0CC



CC3014

# 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.



C79863



14B0CC



E08894

# Square

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



14B0CC



B693D1



DB8E76



85AC70

# Rectangle

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



14B0CC



76A3E2



DB8E76



B4A05F



# Sweetspot

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



14B0CC



BAF5FF



14CC30



577980



000000



808080

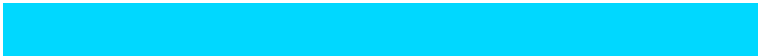


# Same Dimension

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



14B0CC



00D8FF



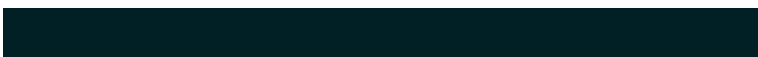
1454CC



5C6466



008DA6



002026



# Inverse Universe

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



CC14B0



FF00D8



CC8C14



665C64



A6008D

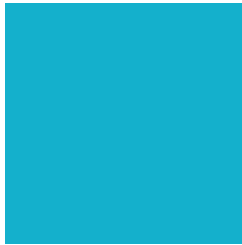


260020



# Previews

## White Background



This preview shows how the Hex color 14B0CC looks on a white background.

## Color Contrast Check

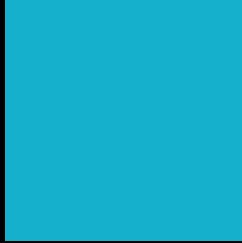
Large Text (above 18pt) WCAG AA × Fail

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 14B0CC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

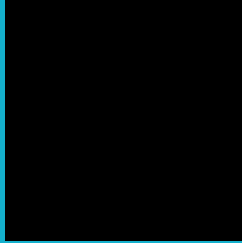
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 14B0CC Background



This preview shows how black text looks on a background with the Hex color 14B0CC.

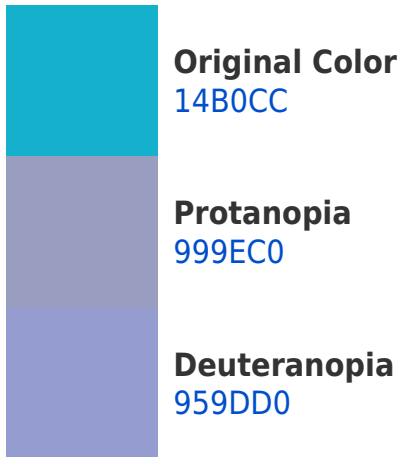


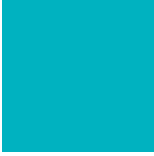
This preview shows how white text looks on a background with the Hex color 14B0CC.

# 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](#).

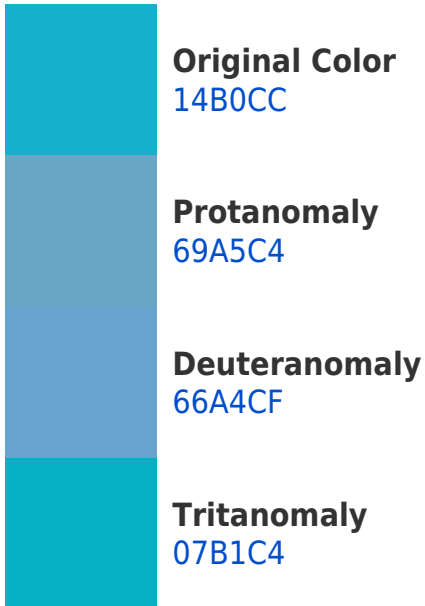
## Dichromacy





**Tritanopia**  
00B2C0

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14B0CC 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 #14B0CC looks like.

```
.text, #text, p{  
    color:#14B0CC  
}
```

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 #14B0CC colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B0CC
}
```

## Border

The CSS property to change the border of an element to Hex 14B0CC 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
#14B0CC }
```

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

```
.border{ border-color:#14B0CC }
```

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

Here you see how a box with a 4 pixel #14B0CC colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B0CC; -webkit-box-shadow:4px 4px  
4px 4px #14B0CC; box-shadow:4px 4px 4px  
4px #14B0CC }
```

# Background

The CSS property to change the background color of an element to Hex 14B0CC is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B0CC }
```

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

```
.background{ background-color:#14B0CC }
```

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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