

# Converting Colors

Hex(14B5D0)

Have a look what the booklet for  
Hex(14B5D0) contains.

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**Color**

**Hex(14B5D0)**

# Conversions

## Conversions Part 1

| Format      | Color                         |
|-------------|-------------------------------|
| Hex         | 14B5D0                        |
| RGB         | 20, 181, 208                  |
| RGB Percent | 8%, 71%, 82%                  |
| CMY         | 0.9216, 0.2902, 0.1843        |
| CMYK        | 0.90, 0.13, 0.00, 0.18        |
| HSL         | 189°, 82%, 45%                |
| HSV         | 189°, 90%, 82%                |
| XYZ         | 28.1975, 37.7505, 65.4749     |
| YIQ         | 135.9390, -104.6230, -25.7350 |

# Conversions

## Conversions Part 2

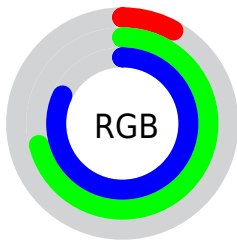
| <b>Format</b>                       | <b>Color</b>                    |
|-------------------------------------|---------------------------------|
| <b>R<sub>YB</sub></b>               | 20, 107, 208                    |
| Decimal                             | 1357264                         |
| CIE <sub>Lab</sub>                  | 67.84, -27.89, -24.27           |
| CIE <sub>LCh</sub>                  | 68, 36.969, 221.025             |
| Yxy                                 | 37.7505, 0.2146,<br>0.2872      |
| Android<br>(android.graphics.Color) | 4279547344<br>(0xFF14B5D0)      |
| YUV                                 | 135.9390, 35.5261,<br>-101.6785 |
| Hunter-Lab                          | 61.4415, -25.6030,<br>-20.1732  |

# Details

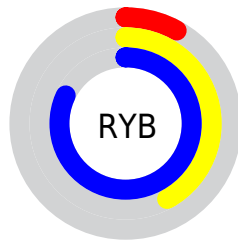
The Hex color **14B5D0** is a dark color, and the websafe version is hex **00CCFF**. The color can be described as middle washed azure. A complement of this color would be **D02F14**, and the grayscale version is **888888**.

A 20% lighter version of the original color is **6CEDFF**, and **00809A** is the 20% darker color. If you saturate the color by 10%, you get **00B2D0**, and if you desaturate by 10%, it is **29B8D0**.

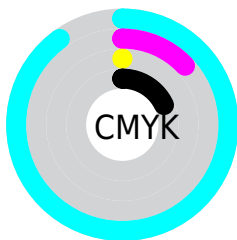
# Distribution



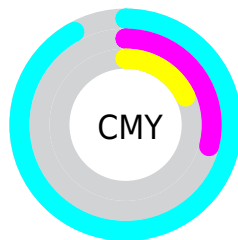
- Red (8%)
- Green (71%)
- Blue (82%)



- Red (8%)
- Yellow (42%)
- Blue (82%)



- Cyan (90%)
- Magenta (13%)
- Yellow (0%)
- Black (18%)



- Cyan (92%)
- Magenta (29%)
- Yellow (18%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 14B5D0 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 14B5D0 by changing the saturation by 10% instead.



 14B5D0

 14B5D0

FFFFFF

 009AB4

 6CEDFF

 00809A

 8CFFFF

 006680

 ABFFFF

 004E66

 CAFFFF

 00374E

 E9FFFF

 002337

 000222

 000008

 000000

■ 14B5D0

■ 14B5D0

■ 00B2D0

■ 29B8D0

■ 3EBBD0

■ 52BED0

■ 67C1D0

■ 7CC4D0

■ 91C7D0

■ A6CAD0

■ BACDD0

■ CFD0D0

# Harmonies

## Analogous

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



30B7B1



14B5D0



4FAFE4

# Triad

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



14B5D0



D98EBC



AFA763

# Complementary

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



14B5D0



D02F14

# 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.



CD9C67



14B5D0



E68B9A

# Square

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



14B5D0



B998D8



E1917B



8AB072

# Rectangle

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



14B5D0



77A8E8



E1917B



BAA462



# Sweetspot

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



14B5D0



BAF5FF



14D02D



577A80



000000



808080

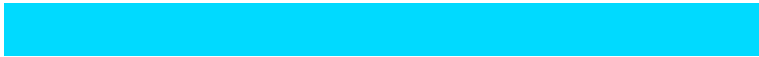


# Same Dimension

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



14B5D0



00DAFF



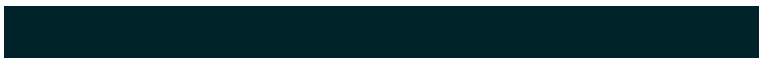
1459D0



5E6769



0090A8



002329



# Inverse Universe

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



D014B5



FF00DA



D08B14



695E67



A80090



290023



# Previews

## White Background



This preview shows how the Hex color 14B5D0 looks on a white background.

## Color Contrast Check

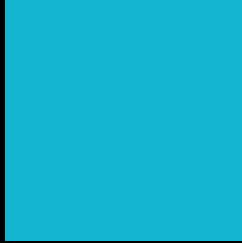
Large Text (above 18pt) WCAG AA × Fail

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 14B5D0 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

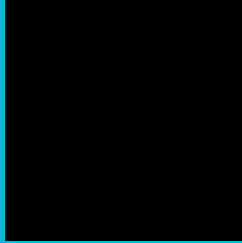
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

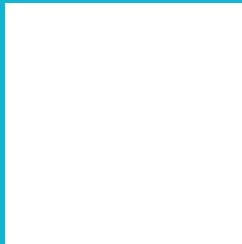
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14B5D0 Background



This preview shows how black text looks on a background with the Hex color 14B5D0.

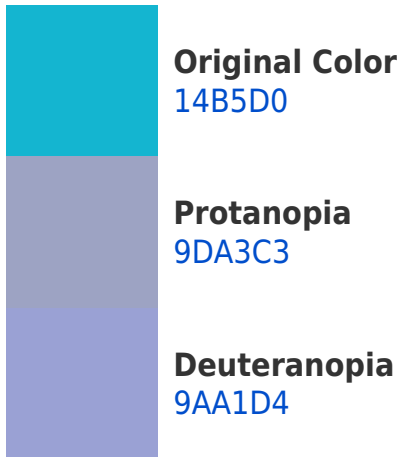


This preview shows how white text looks on a background with the Hex color 14B5D0.

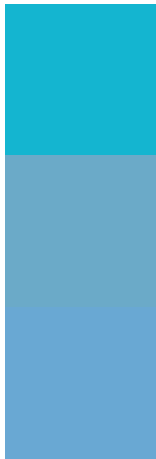
# Color Blindness Simulation

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



# Trichromacy



**Original Color**  
14B5D0

**Protanomaly**  
6BAAC8

**Deuteranomaly**  
69A8D3

# Monochromacy



**Original Color**  
14B5D0

**Achromatopsia**  
888888

**Achromatomaly**  
5E98A2

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 14B5D0 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 #14B5D0 looks like.

```
.text, #text, p{  
    color:#14B5D0  
}
```

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 #14B5D0 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14B5D0
}
```

## Border

The CSS property to change the border of an element to Hex 14B5D0 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
#14B5D0 }
```

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

```
.border{ border-color:#14B5D0 }
```

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

Here you see how a box with a 4 pixel #14B5D0 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14B5D0; -webkit-box-shadow:4px 4px  
4px 4px #14B5D0; box-shadow:4px 4px 4px  
4px #14B5D0 }
```

# Background

The CSS property to change the background color of an element to Hex 14B5D0 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14B5D0 }
```

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

```
.background{ background-color:#14B5D0 }
```

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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