

Converting Colors

Hex(14BDC8)

Have a look what the booklet for
Hex(14BDC8) contains.

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Color

Hex(14BDC8)

Conversions

Conversions Part 1

Format	Color
Hex	14BDC8
RGB	20, 189, 200
RGB Percent	8%, 74%, 78%
CMY	0.9216, 0.2588, 0.2157
CMYK	0.90, 0.05, 0.00, 0.22
HSL	184°, 82%, 43%
HSV	184°, 90%, 78%
XYZ	28.9114, 40.7140, 60.9784
YIQ	139.7230, -104.2550, -32.4070

Conversions

Conversions Part 2

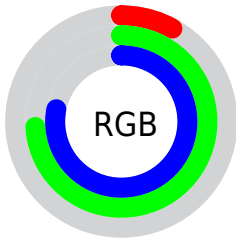
Format	Color
RYB	20, 107, 200
Decimal	1359304
CIELab	69.98, -34.32, -16.62
CIELCh	70, 38.132, 205.843
Yxy	40.7140, 0.2214, 0.3117
Android (android.graphics.Color)	4279549384 (0xFF14BDC8)
YUV	139.7230, 29.7166, -104.9971
Hunter-Lab	63.8076, -30.7843, -11.9958

Details

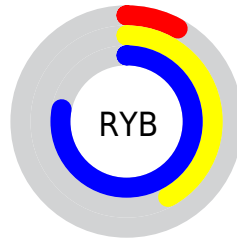
The Hex color **14BDC8** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed azure. A complement of this color would be **C81F14**, and the grayscale version is **8C8C8C**.

A 20% lighter version of the original color is **6BF6FF**, and **008792** is the 20% darker color. If you saturate the color by 10%, you get **00BCC8**, and if you desaturate by 10%, it is **28BEC8**.

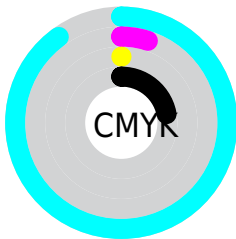
Distribution



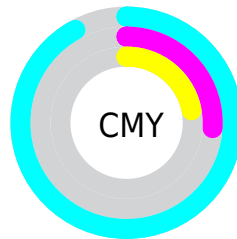
- Red (8%)
- Green (74%)
- Blue (78%)



- Red (8%)
- Yellow (42%)
- Blue (78%)



- Cyan (90%)
- Magenta (5%)
- Yellow (0%)
- Black (22%)



- Cyan (92%)
- Magenta (26%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14BDC8 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 14BDC8 by changing the saturation by 10% instead.

 14BDC8

 14BDC8

FFFFFF

 00A2AD

 6BF6FF

 008792

 8CFFFF

 006D78

 ABFFFF

 005460

 CAFFFF

 003C48

 E9FFFF

 002731

 00021D

 000000

 14BDC8

 14BDC8

00BCC8

28BEC8

3CBFC8

50C1C8

64C2C8

78C3C8

8CC4C8

A0C6C8

B4C7C8

C8C8C8

Harmonies

Analogous

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



4CBDA5



14BDC8



2FB9E3

Triad

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



14BDC8



D298D2



C6A766

Complementary

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



14BDC8



C81F14

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.



E19B73



14BDC8



EA90B1

Square

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



14BDC8



A8A4E9



EE928F



A3B26B

Rectangle

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



14BDC8



5BB3ED



EE928F



D0A368

Sweetspot

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



14BDC8



BAFBFF



14C81D



577D80



000000



808080

Same Dimension

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



14BDC8



00EFFF



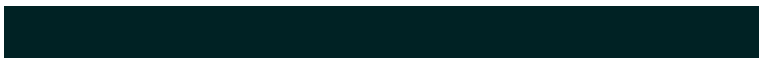
1465C8



5A6363



0099A3



002224

Inverse Universe

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



C814BD



FF00EF



C87714



635A63



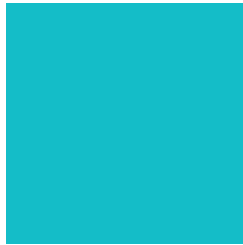
A30099



240022

Previews

White Background



This preview shows how the Hex color 14BDC8 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 14BDC8 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

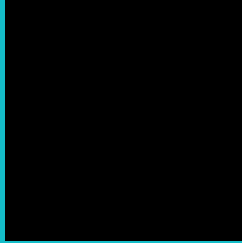
Any Text WCAG AA ✓ Pass

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 14BDC8 Background



This preview shows how black text looks on a background with the Hex color 14BDC8.

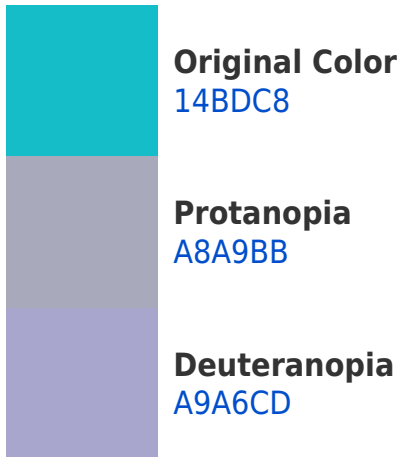


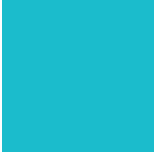
This preview shows how white text looks on a background with the Hex color 14BDC8.

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
14BDC8



Protanomaly
72B0C0



Deuteranomaly
73AECB



Tritanomaly
18BCCB

Monochromacy



Original Color
14BDC8



Achromatopsia
8C8C8C



Achromatomaly
609EA2

CSS Examples

Text

The CSS property to change the color of the text to Hex 14BDC8 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 #14BDC8 looks like.

```
.text, #text, p{  
    color:#14BDC8  
}
```

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 #14BDC8 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14BDC8
}
```

Border

The CSS property to change the border of an element to Hex 14BDC8 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
#14BDC8 }
```

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

```
.border{ border-color:#14BDC8 }
```

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

Here you see how a box with a 4 pixel #14BDC8 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14BDC8; -webkit-box-shadow:4px 4px  
4px 4px #14BDC8; box-shadow:4px 4px 4px  
4px #14BDC8 }
```

Background

The CSS property to change the background color of an element to Hex 14BDC8 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14BDC8 }
```

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

```
.background{ background-color:#14BDC8 }
```

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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