

# Converting Colors

Hex(14BCBC)

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

<b>Hex(14BCBC)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	11
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	26
<b><i>CSS Examples</i></b> .....	29

# Color

Hex(14BCBC)

# Conversions

## Conversions Part 1

Format	Color
Hex	14BCBC
RGB	20, 188, 188
RGB Percent	8%, 74%, 74%
CMY	0.9216, 0.2627, 0.2627
CMYK	0.89, 0.00, 0.00, 0.26
HSL	180°, 81%, 41%
HSV	180°, 89%, 74%
XYZ	27.3488, 39.7460, 53.8073
YIQ	137.7680, -100.1280, -35.6160

# Conversions

## Conversions Part 2

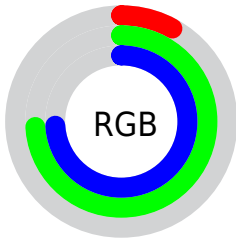
Format	Color
R <sub>Y</sub> B	20, 104, 188
Decimal	1359036
CIE Lab	69.29, -37.53, -11.07
CIE LCh	69, 39.128, 196.438
Yxy	39.7460, 0.2262, 0.3287
Android (android.graphics.Color)	4279549116 (0xFF14BCBC)
YUV	137.7680, 24.7644, -103.2825
Hunter-Lab	63.0444, -32.8941, -6.4718

# Details

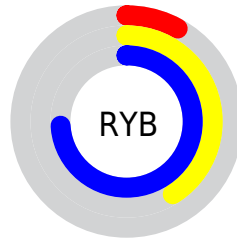
The Hex color **14BCBC** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **BC1414**, and the grayscale version is **8A8A8A**.

A 20% lighter version of the original color is **6AF5F4**, and **008687** is the 20% darker color. If you saturate the color by 10%, you get **01BCBC**, and if you desaturate by 10%, it is **27BCBC**.

# Distribution



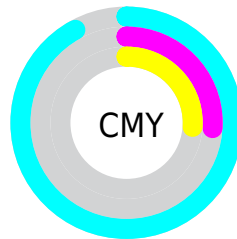
- Red (8%)
- Green (74%)
- Blue (74%)



- Red (8%)
- Yellow (41%)
- Blue (74%)



- Cyan (89%)
- Magenta (0%)
- Yellow (0%)
- Black (26%)



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

# Brightness & Saturation Gradients

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



 14BCBC

 14BCBC

FFFFFF

 00A1A1

 6AF5F4

 008687

 8AFFFF

 006C6E

 A9FFFF

 005355

 C7FFFF

 003B3E

 E6FFFF

 002628

 000115

 000000

 14BCBC

 14BCBC

01BCBC

27BCBC

00BCBC

3ABCBC

4CBCBC

5FBCBC

72BCBC

85BCBC

98BCBC

AABCBC

BDBCBC

# Harmonies

## Analogous

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



56BB97



14BCBC



00B9DB

# Triad

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



14BCBC



C599DA



CEA164

# Complementary

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



14BCBC



BC1414

# 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.



E69577



14BCBC



E48FBB

# Square

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



14BCBC



95A6ED



EE8E97



ADAD64

# Rectangle

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



14BCBC



3EB4E9



EE8E97



D79D69

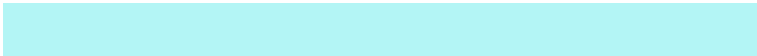


# Sweetspot

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



14BCBC



B3F5F5



14BC14



537A7A



FAFAFA



7A7A7A



# Same Dimension

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



14BCBC



00F5F5



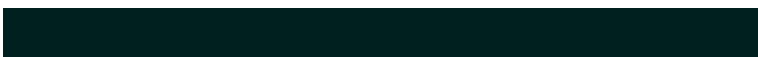
1468BC



555E5E



009E9E



001F1F



# Inverse Universe

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



BC14BC



F500F5



BC6814



5E555E



9E009E



1F001F



# Previews

## White Background



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

## Color Contrast Check

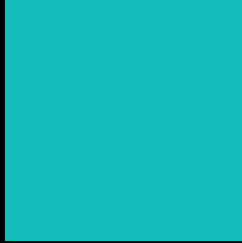
Large Text (above 18pt) WCAG AA × Fail

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 14BCBC looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

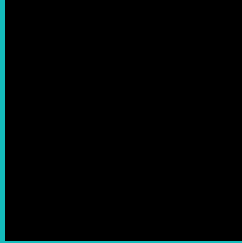
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

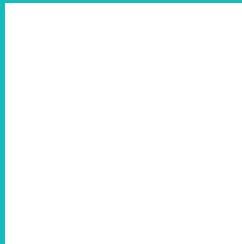
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14BCBC Background



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

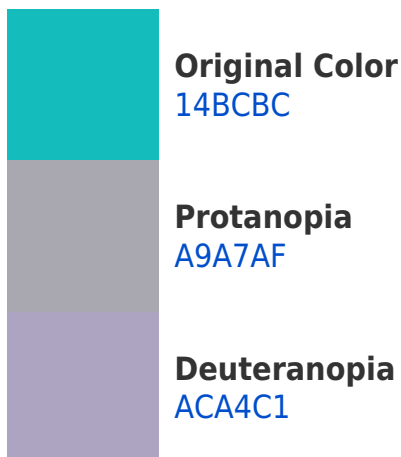


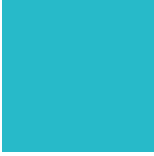
This preview shows how white text looks on a background with the Hex color 14BCBC.

# 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**  
27BAC9

# Trichromacy



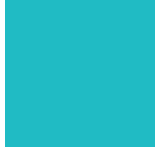
**Original Color**  
14BCBC



**Protanomaly**  
73AFB4



**Deuteranomaly**  
75ADB4



**Tritanomaly**  
20BBC4

# Monochromacy



**Original Color**  
14BCBC



**Achromatopsia**  
8A8A8A



**Achromatomaly**  
5F9C9C

# CSS Examples

## Text

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

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

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 #14BCBC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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