

# Converting Colors

Hex(14EBCF)

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

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# Color

Hex(14EBCF)

# Conversions

## Conversions Part 1

Format	Color
Hex	14EBCF
RGB	20, 235, 207
RGB Percent	8%, 92%, 81%
CMY	0.9216, 0.0784, 0.1882
CMYK	0.91, 0.00, 0.12, 0.08
HSL	172°, 84%, 50%
HSV	172°, 91%, 92%
XYZ	41.2593, 64.0704, 69.2237
YIQ	167.5230, -119.1520, -54.2880

# Conversions

## Conversions Part 2

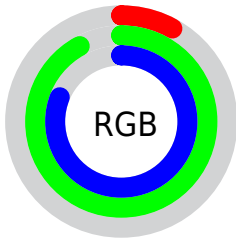
Format	Color
<a href="#">RYB</a>	<a href="#">20, 135, 235</a>
Decimal	<a href="#">1371087</a>
CIELab	<a href="#">84.00, -52.46, 0.44</a>
CIElCh	<a href="#">84, 52.461, 179.515</a>
Yxy	<a href="#">64.0704, 0.2364, 0.3671</a>
Android (android.graphics.Color)	<a href="#">4279561167</a> ( <a href="#">0xFF14EBCF</a> )
YUV	<a href="#">167.5230, 19.4622, -129.3777</a>
Hunter-Lab	<a href="#">80.0440, -48.0677, 4.7555</a>

# Details

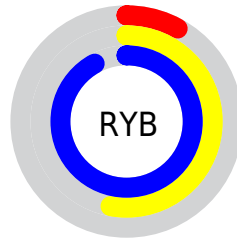
The Hex color **14EBCF** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **EB1430**, and the grayscale version is **A7A7A7**.

A 20% lighter version of the original color is **74FFFF**, and **00B299** is the 20% darker color. If you saturate the color by 10%, you get **00EBCC**, and if you desaturate by 10%, it is **2CEBD2**.

# Distribution



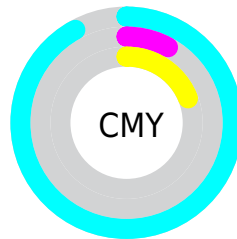
- Red (8%)
- Green (92%)
- Blue (81%)



- Red (8%)
- Yellow (53%)
- Blue (92%)



- Cyan (91%)
- Magenta (0%)
- Yellow (12%)
- Black (8%)



- Cyan (92%)
- Magenta (8%)
- Yellow (19%)

# Brightness & Saturation Gradients

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



 14EBCF

 14EBCF

FFFFFF

 00CEB4

 74FFFF

 00B299

 96FFFF

 00977F

 B6FFFF

 007C66

 D6FFFF

 00624E

 F6FFFF

 004937

 003222

 00170D

 000000

 14EBCF

 14EBCF

 00EBCC

 2CEBD2

 43EBD5

 5BEBD8

 72EBDB

 8AEBDE

 A1EBE1

 B9EBE4

 D0EBE7

 E8EBEB

# Harmonies

## Analogous

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



81E79E



14EBCF



00EAFF

# Triad

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



14EBCF



D4C5FF



FFBD7D

# Complementary

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



14EBCF



EB1430

# 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.



FFAEA3



14EBCF



FFB3FF

# Square

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



14EBCF



7FD7FF



FFA9D4



F1CE6D

# Rectangle

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



14EBCF



00E6FF



FFA9D4



FFB788

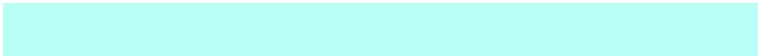


# Sweetspot

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



14EBCF



BAFFF6



31EB14



57807A



000000



808080



# Same Dimension

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



14EBCF



00FFDE



149CEB



6A7574



00B59D



00362F



# Inverse Universe

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



EB1430



FF0021



EB6314



756A6B



B50018

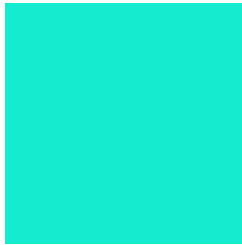


360007



# Previews

## White Background



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

## Color Contrast Check

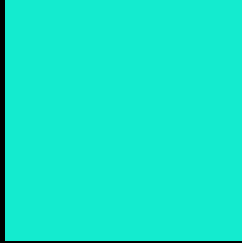
Large Text (above 18pt) WCAG AA × Fail

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 14EBCF looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

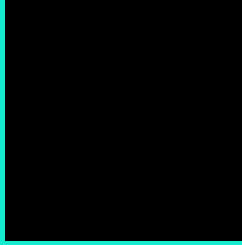
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

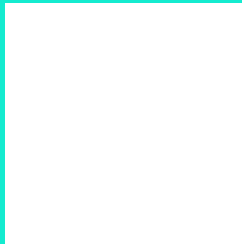
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 14EBCF Background



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

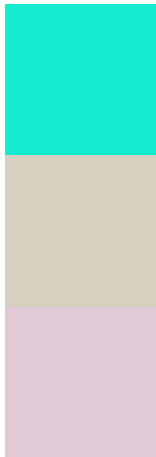


This preview shows how white text looks on a background with the Hex color 14EBCF.

# 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](#).

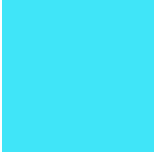
## Dichromacy



**Original Color**  
14EBCF

**Protanopia**  
D7CFBF

**Deuteranopia**  
E1C9D6

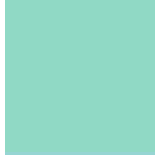


**Tritanopia**  
40E5F8

# Trichromacy



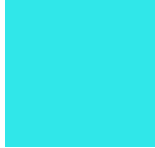
**Original Color**  
14EBCF



**Protanomaly**  
90D9C5



**Deuteranomaly**  
96D5D3

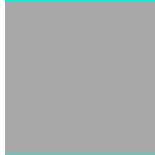


**Tritanomaly**  
30E7E9

# Monochromacy



**Original Color**  
14EBCF



**Achromatopsia**  
A8A8A8



**Achromatomaly**  
72C0B6

# CSS Examples

## Text

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

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

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 #14EBCF colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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