

# Converting Colors

Hex(14FFDC)

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

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# Color

Hex(14FFDC)

# Conversions

## Conversions Part 1

Format	Color
Hex	14FFDC
RGB	20, 255, 220
RGB Percent	8%, 100%, 86%
CMY	0.9216, 0.0000, 0.1373
CMYK	0.92, 0.00, 0.14, 0.00
HSL	171°, 100%, 54%
HSV	171°, 92%, 100%
XYZ	48.9668, 76.8360, 79.9602
YIQ	180.7450, -128.8250, -60.7050

# Conversions

## Conversions Part 2

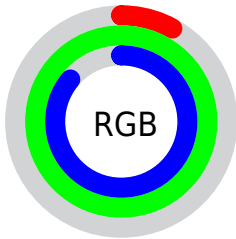
Format	Color
R <sub>Y</sub> B	20, 147, 255
Decimal	1376220
CIE Lab	90.25, -57.13, 2.74
CIE LCh	90, 57.195, 177.252
Yxy	76.8360, 0.2380, 0.3734
Android (android.graphics.Color)	4279566300 (0xFF14FFDC)
YUV	180.7450, 19.3527, -140.9734
Hunter-Lab	87.6562, -53.6841, 7.2748

# Details

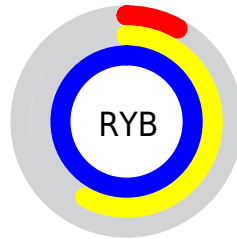
The Hex color **14FFDC** is a light color, and the websafe version is hex **33FFCC**. The color can be described as light washed cyan. A complement of this color would be **FF1437**, and the grayscale version is **B5B5B5**.

A 20% lighter version of the original color is **79FFFF**, and **00C5A5** is the 20% darker color. If you saturate the color by 10%, you get **00FFD9**, and if you desaturate by 10%, it is **2EFFE0**.

# Distribution



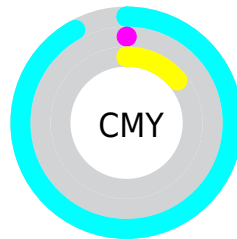
- Red (8%)
- Green (100%)
- Blue (86%)



- Red (8%)
- Yellow (58%)
- Blue (100%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)
- Black (0%)



- Cyan (92%)
- Magenta (0%)
- Yellow (14%)

# Brightness & Saturation Gradients

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



 14FFDC

 14FFDC

FFFFFF

 00E2C0

 79FFFF

 00C5A5

 9CFFFF

 00A98B

 BDFFFF

 008E71

 DDFFFF


 007359

FEFFFF

 005942

 00402C

 002917

 000200

 14FFDC

 14FFDC

 00FFD9

 2EFFE0

 47FFE4

 61FFE7

 7AFFEB

 93FFE7

 ADFFF3

 C7FFF7

 E0FFFA

 FAFFFE

# Harmonies

## Analogous

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



8FFAA6



14FFDC



00FFFF

# Triad

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



14FFDC



E0D7FF



FFCB88

# Complementary

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



14FFDC



FF1437

# 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.



FFBAB4



14FFDC



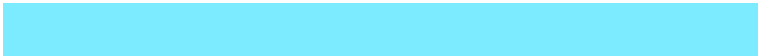
FFC2FF

# Square

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



14FFDC



7CEAFF



FFB7EA



FFDE73

# Rectangle

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



14FFDC



00BFF



FFB7EA



FFC495



# Sweetspot

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



14FFDC



B8FFF4



37FF14



548079



000000



808080



# Same Dimension

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



14FFDC



00FFD9



14ADFF



73807E



00BFA3



004036



# Inverse Universe

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



FF1437



FF0026



FF6614



807375



BF001C

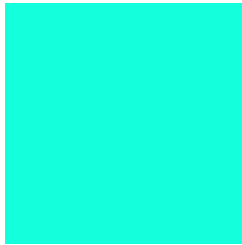


400009



# Previews

## White Background



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

## Color Contrast Check

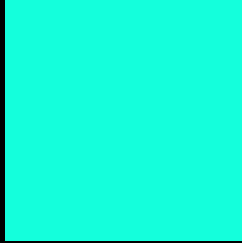
Large Text (above 18pt) WCAG AA × Fail

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 14FFDC 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 14FFDC Background



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



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

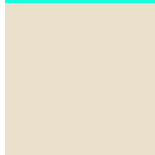
# Color Blindness Simulation

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](#).

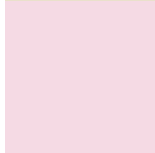
## Dichromacy



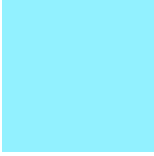
**Original Color**  
14FFDC



**Protanopia**  
EAE0CB



**Deuteranopia**  
F5DAE4

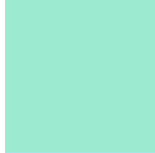


**Tritanopia**  
92F1FF

# Trichromacy



**Original Color**  
14FFDC



**Protanomaly**  
9CEBD1



**Deuteranomaly**  
A3E7E1

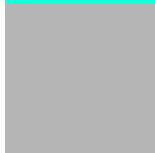


**Tritanomaly**  
64F6F2

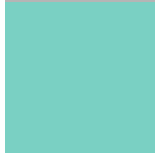
# Monochromacy



**Original Color**  
14FFDC



**Achromatopsia**  
B5B5B5



**Achromatomaly**  
7AD0C3

# CSS Examples

## Text

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

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

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 #14FFDC colored shadow looks like.

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

## Border

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

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

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

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

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

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

# Background

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

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

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

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

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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