

Converting Colors

Hex(14CDF7)

Have a look what the booklet for
Hex(14CDF7) contains.

Hex(14CDF7)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	11
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	26
<i>CSS Examples</i>	29

Color

Hex(14CDF7)

Conversions

Conversions Part 1

Format	Color
Hex	14CDF7
RGB	20, 205, 247
RGB Percent	8%, 80%, 97%
CMY	0.9216, 0.1961, 0.0314
CMYK	0.92, 0.17, 0.00, 0.03
HSL	191°, 93%, 52%
HSV	191°, 92%, 97%
XYZ	38.9083, 50.5268, 95.6976
YIQ	154.4730, -123.7420, -26.1580

Conversions

Conversions Part 2

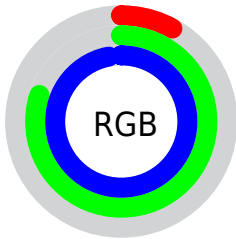
Format	Color
R _{YB}	20, 122, 247
Decimal	1363447
CIE Lab	76.39, -26.98, -32.28
CIE LCh	76, 42.075, 230.107
Yxy	50.5268, 0.2102, 0.2729
Android (android.graphics.Color)	4279553527 (0xFF14CDF7)
YUV	154.4730, 45.6158, -117.9328
Hunter-Lab	71.0822, -26.6881, -30.0644

Details

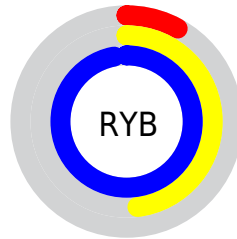
The Hex color **14CDF7** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **F73E14**, and the grayscale version is **9A9A9A**.

A 20% lighter version of the original color is **75FFFF**, and **0096BF** is the 20% darker color. If you saturate the color by 10%, you get **00C9F7**, and if you desaturate by 10%, it is **2DD2F7**.

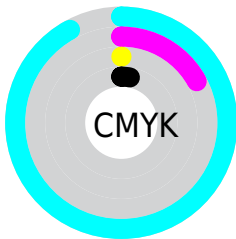
Distribution



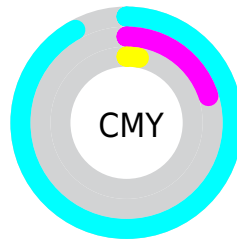
- Red (8%)
- Green (80%)
- Blue (97%)



- Red (8%)
- Yellow (48%)
- Blue (97%)



- Cyan (92%)
- Magenta (17%)
- Yellow (0%)
- Black (3%)



- Cyan (92%)
- Magenta (20%)
- Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the Hex color 14CDF7 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 14CDF7 by changing the saturation by 10% instead.

 14CDF7

FFFFFF

 75FFFF

 97FFFF

 B7FFFF

 D7FFFF

 F7FFFF

 14CDF7

 00B1DA

 0096BF

 007CA3

 006389

 004B6F

 003457

 00213F

 000329

 000113

 14CDF7

 14CDF7

 00C9F7

 2DD2F7

 45D6F7

 5EDBF7

 77DFF7

 90E4F7

 A8E8F7

 C1EDF7

 DAF2F7

 F2F6F7

Harmonies

Analogous

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



0FD1D6



14CDF7



6BC4FF

Triad

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



14CDF7



FF9FCB



BBC272

Complementary

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



14CDF7



F73E14

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.



E1B670



14CDF7



FF9FA4

Square

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



14CDF7



E1A9EF



FDA882



8FCB89

Rectangle

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



14CDF7



99BCFF



FDA882



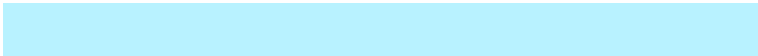
C9BE6F

Sweetspot

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



14CDF7



B8F2FF



14F73E



547780



000000



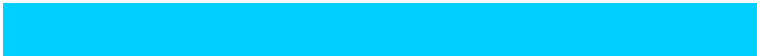
808080

Same Dimension

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



14CDF7



00D0FF



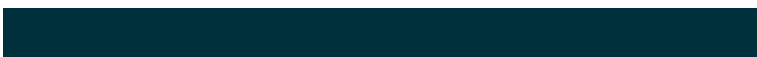
145CF7



6E787A



0098BA



00303B

Inverse Universe

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



F714CD



FF00D0



F7AF14



7A6E78



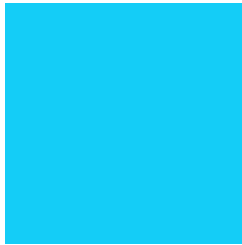
BA0098



3B0030

Previews

White Background



This preview shows how the Hex color 14CDF7 looks on a white background.

Color Contrast Check

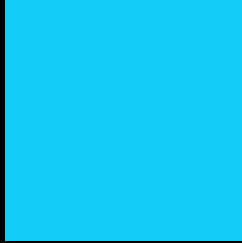
Large Text (above 18pt) WCAG AA × Fail

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 14CDF7 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 14CDF7 Background



This preview shows how black text looks on a background with the Hex color 14CDF7.

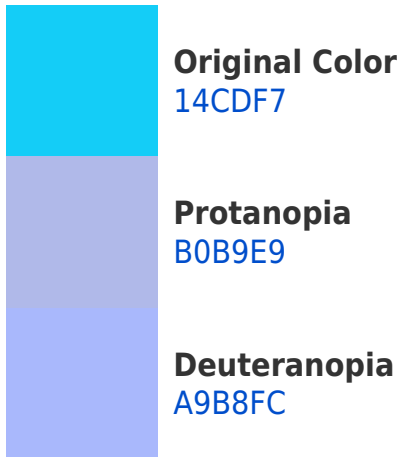


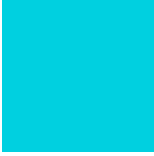
This preview shows how white text looks on a background with the Hex color 14CDF7.

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](#).

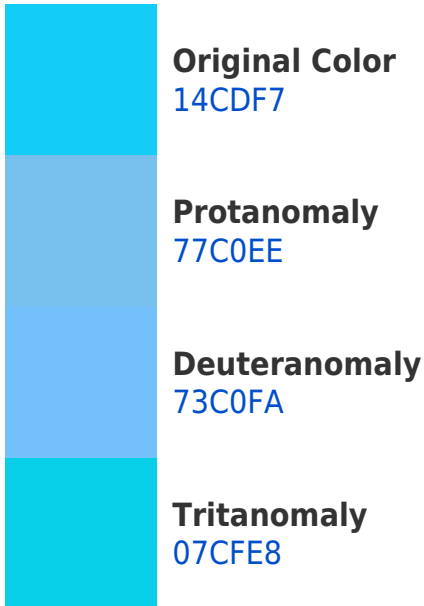
Dichromacy



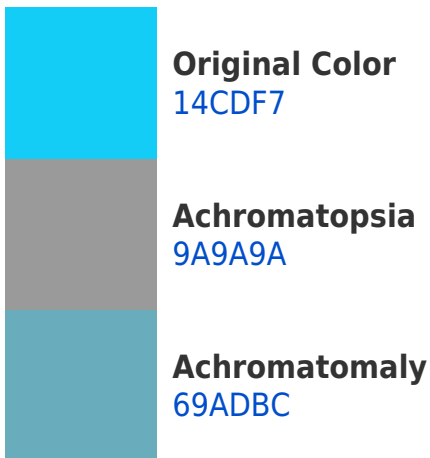


Tritanopia
00D0E0

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 14CDF7 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 #14CDF7 looks like.

```
.text, #text, p{  
    color:#14CDF7  
}
```

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 #14CDF7 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #14CDF7
}
```

Border

The CSS property to change the border of an element to Hex 14CDF7 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
#14CDF7 }
```

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

```
.border{ border-color:#14CDF7 }
```

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

Here you see how a box with a 4 pixel #14CDF7 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #14CDF7; -webkit-box-shadow:4px 4px  
4px 4px #14CDF7; box-shadow:4px 4px 4px  
4px #14CDF7 }
```

Background

The CSS property to change the background color of an element to Hex 14CDF7 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#14CDF7 }
```

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

```
.background{ background-color:#14CDF7 }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor