

# Converting Colors

Hex(13CBE9)

Have a look what the booklet for  
Hex(13CBE9) contains.

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# Color

Hex(13CBE9)

# Conversions

## Conversions Part 1

Format	Color
Hex	13CBE9
RGB	19, 203, 233
RGB Percent	7%, 80%, 91%
CMY	0.9255, 0.2039, 0.0863
CMYK	0.92, 0.13, 0.00, 0.09
HSL	188°, 85%, 49%
HSV	188°, 92%, 91%
XYZ	36.3325, 48.7335, 84.5824
YIQ	151.4040, -119.2940, -29.6780

# Conversions

## Conversions Part 2

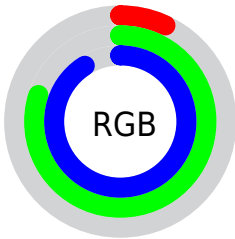
Format	Color
<a href="#">RYB</a>	<a href="#">19, 118, 233</a>
Decimal	<a href="#">1297385</a>
CIELab	<a href="#">75.29, -30.60, -26.46</a>
CIELCh	<a href="#">75, 40.454, 220.857</a>
Yxy	<a href="#">48.7335, 0.2142, 0.2873</a>
Android (android.graphics.Color)	<a href="#">4279487465 (0xFF13CBE9)</a>
YUV	<a href="#">151.4040, 40.2268, -116.1183</a>
Hunter-Lab	<a href="#">69.8094, -29.2657, -22.9703</a>

# Details

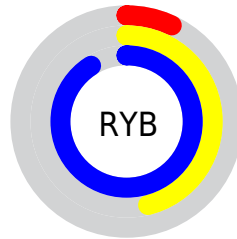
The Hex color **13CBE9** is a light color, and the websafe version is hex **00CCFF**. The color can be described as light washed cyan. A complement of this color would be **E93113**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **72FFFF**, and **0094B1** is the 20% darker color. If you saturate the color by 10%, you get **00C8E9**, and if you desaturate by 10%, it is **2ACEE9**.

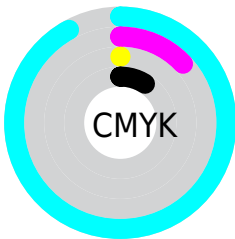
# Distribution



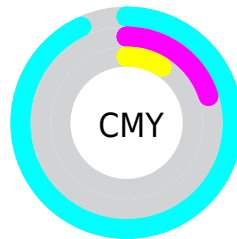
- Red (7%)
- Green (80%)
- Blue (91%)



- Red (7%)
- Yellow (46%)
- Blue (91%)



- Cyan (92%)
- Magenta (13%)
- Yellow (0%)
- Black (9%)



- Cyan (93%)
- Magenta (20%)
- Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 13CBE9 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 13CBE9 by changing the saturation by 10% instead.



 13CBE9

 13CBE9

FFFFFF

 00AFCD

 72FFFF

 0094B1

 93FFFF

 007A96

 B4FFFF

 00617D


 D3FFFF

 004963

 F3FFFF

 00324B

 001D35

 00021F

 000003

 13CBE9

 13CBE9

 00C8E9

 2ACEE9

 42D2E9

 59D5E9

 70D8E9

 87DBE9

 9FD FE9

 B6E2E9

 CDE5E9

 E5E8E9

# Harmonies

## Analogous

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



36CDC6



13CBE9



58C4FF

# Triad

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



13CBE9



F3A0D3



C5BC6F

# Complementary

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



13CBE9



E93113

# 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.



E6AF73



13CBE9



FF9CAD

# Square

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



13CBE9



CFABF2



FCA38A



9CC580

# Rectangle

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



13CBE9



85BDFE



FCA38A



D1B86E

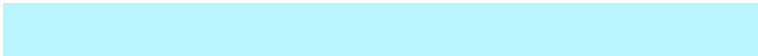


# Sweetspot

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



13CBE9



B8F5FF



13E930



547980



000000



808080



# Same Dimension

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



13CBE9



00DBFF



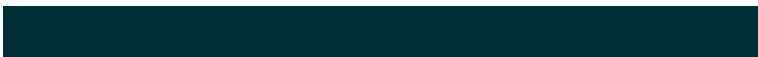
1361E9



6A7475



009CB5



002E36



# Inverse Universe

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



E913CB



FF00DB



E99B13



756A74



B5009C

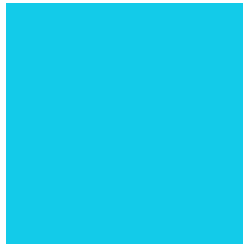


36002E



# Previews

## White Background



This preview shows how the Hex color 13CBE9 looks on a white background.

## Color Contrast Check

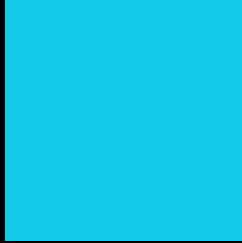
Large Text (above 18pt) WCAG AA × Fail

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 13CBE9 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

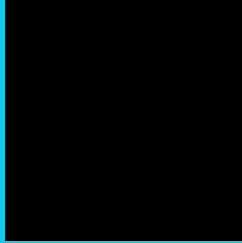
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## Hex 13CBE9 Background



This preview shows how black text looks on a background with the Hex color 13CBE9.

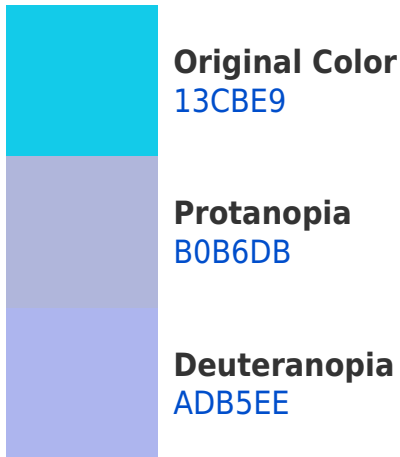


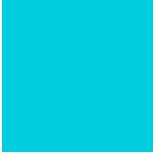
This preview shows how white text looks on a background with the Hex color 13CBE9.

# 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



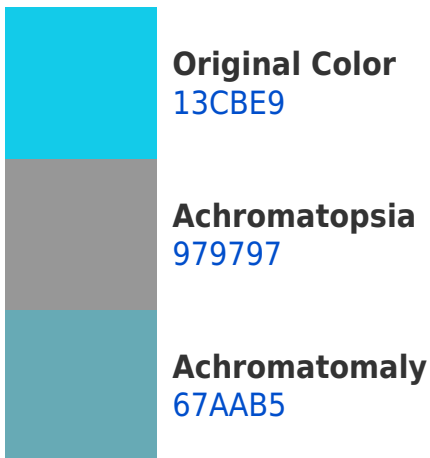


**Tritanopia**  
00CDDD

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to Hex 13CBE9 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 #13CBE9 looks like.

```
.text, #text, p{  
    color:#13CBE9  
}
```

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 #13CBE9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13CBE9
}
```

## Border

The CSS property to change the border of an element to Hex 13CBE9 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
#13CBE9 }
```

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

```
.border{ border-color:#13CBE9 }
```

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

Here you see how a box with a 4 pixel #13CBE9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13CBE9; -webkit-box-shadow:4px 4px  
4px 4px #13CBE9; box-shadow:4px 4px 4px  
4px #13CBE9 }
```

# Background

The CSS property to change the background color of an element to Hex 13CBE9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13CBE9 }
```

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

```
.background{ background-color:#13CBE9 }
```

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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