

Converting Colors

Hex(13ECDA)

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

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Color

Hex(13ECDA)

Conversions

Conversions Part 1

Format	Color
Hex	13ECDA
RGB	19, 236, 218
RGB Percent	7%, 93%, 85%
CMY	0.9255, 0.0745, 0.1451
CMYK	0.92, 0.00, 0.08, 0.07
HSL	175°, 85%, 50%
HSV	175°, 92%, 93%
XYZ	42.9189, 65.1913, 76.6508
YIQ	169.0650, -123.5540, -51.6020

Conversions

Conversions Part 2

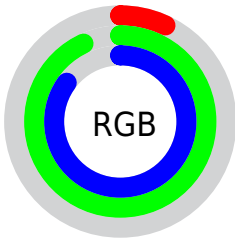
Format	Color
R _{YB}	19, 132, 236
Decimal	1305818
CIE Lab	84.58, -49.95, -4.50
CIE LCh	85, 50.151, 185.146
Yxy	65.1913, 0.2323, 0.3528
Android (android.graphics.Color)	4279495898 (0xFF13ECDA)
YUV	169.0650, 24.1250, -131.6070
Hunter-Lab	80.7411, -46.4132, 0.2324

Details

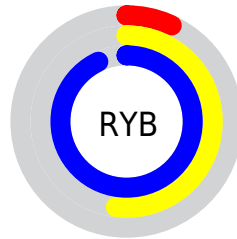
The Hex color **13ECDA** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **EC1325**, and the grayscale version is **A9A9A9**.

A 20% lighter version of the original color is **75FFFF**, and **00B3A3** is the 20% darker color. If you saturate the color by 10%, you get **00ECD8**, and if you desaturate by 10%, it is **2BECDC**.

Distribution



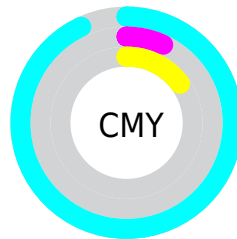
- Red (7%)
- Green (93%)
- Blue (85%)



- Red (7%)
- Yellow (52%)
- Blue (93%)



- Cyan (92%)
- Magenta (0%)
- Yellow (8%)
- Black (7%)



- Cyan (93%)
- Magenta (7%)
- Yellow (15%)

Brightness & Saturation Gradients

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

 13ECDA

 13ECDA

FFFFFF

 00CFBE

 75FFFF

 00B3A3

 97FFFF

 009889

 B8FFFF

 007D70

 D8FFFF

 006357

 F8FFFF

 004A40

 00322A

 001916

 000000

■ 13ECDA

■ 13ECDA

■ 00ECD8

■ 2BECDC

■ 42ECDE

■ 5AECE0

■ 71ECE2

■ 89ECE4

■ A1ECE6

■ B8ECE8

■ D0ECEA

■ E7ECEC

Harmonies

Analogous

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



7BE9AA



13ECDA



00EAFF

Triad

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



13ECDA



E3C4FF



FFC27E

Complementary

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



13ECDA



EC1325

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.



FFB39F



13ECDA



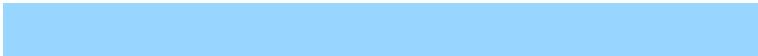
FFB4FC

Square

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



13ECDA



98D5FF



FFADCD



E9D373

Rectangle

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



13ECDA



00E6FF



FFADCD



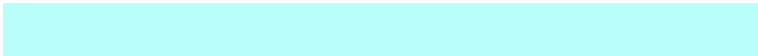
FFBD87

Sweetspot

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



13ECDA



B8FFF9



25EC13



54807C



000000



808080

Same Dimension

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



13ECDA



00FFEA



1392EC



6A7574



00B5A6



003631

Inverse Universe

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



EC1325



FF0015



EC6D13



756A6B



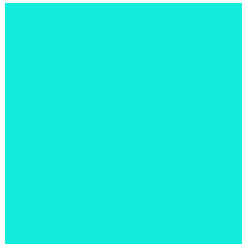
B5000F



360004

Previews

White Background



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

Color Contrast Check

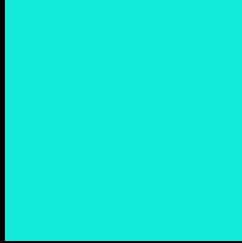
Large Text (above 18pt) WCAG AA × Fail

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 13ECDA 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

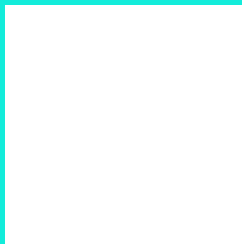
Any Text WCAG AAA ✓ Pass

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

Hex 13ECDA Background



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

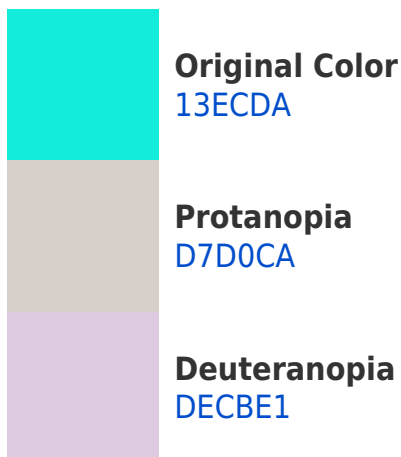


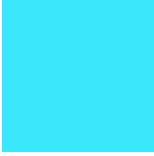
This preview shows how white text looks on a background with the Hex color 13ECDA.

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



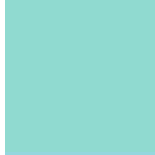


Tritanopia
3BE7FA

Trichromacy



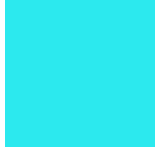
Original Color
13ECDA



Protanomaly
90DAD0



Deuteranomaly
94D7DE

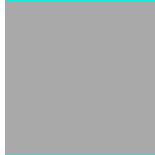


Tritanomaly
2CE9EE

Monochromacy



Original Color
13ECDA



Achromatopsia
A9A9A9



Achromatomaly
72C1BB

CSS Examples

Text

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

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

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 #13ECDA colored shadow looks like.

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

Border

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

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

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

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

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

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

Background

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

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

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

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

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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