

Converting Colors

Hex(13ECF2)

Have a look what the booklet for
Hex(13ECF2) contains.

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Color

Hex(13ECF2)

Conversions

Conversions Part 1

Format	Color
Hex	13ECF2
RGB	19, 236, 242
RGB Percent	7%, 93%, 95%
CMY	0.9255, 0.0745, 0.0510
CMYK	0.92, 0.02, 0.00, 0.05
HSL	182°, 90%, 51%
HSV	182°, 92%, 95%
XYZ	46.2910, 66.5402, 94.4081
YIQ	171.8010, -131.2580, -44.1380

Conversions

Conversions Part 2

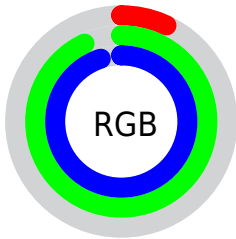
Format	Color
R _{YB}	19, 129, 242
Decimal	1305842
CIE Lab	85.27, -43.12, -16.11
CIE LCh	85, 46.034, 200.481
Yxy	66.5402, 0.2234, 0.3211
Android (android.graphics.Color)	4279495922 (0xFF13ECF2)
YUV	171.8010, 34.6081, -134.0065
Hunter-Lab	81.5722, -41.4551, -11.5192

Details

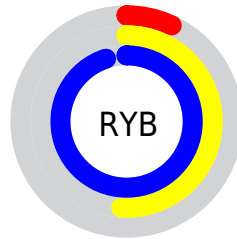
The Hex color **13ECF2** is a light color, and the websafe version is hex **33FFFF**. The color can be described as light washed cyan. A complement of this color would be **F21913**, and the grayscale version is **ACACAC**.

A 20% lighter version of the original color is **78FFFF**, and **00B3BA** is the 20% darker color. If you saturate the color by 10%, you get **00EBF2**, and if you desaturate by 10%, it is **2BEDF2**.

Distribution



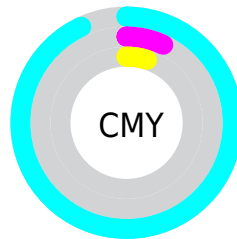
- Red (7%)
- Green (93%)
- Blue (95%)



- Red (7%)
- Yellow (51%)
- Blue (95%)



- Cyan (92%)
- Magenta (2%)
- Yellow (0%)
- Black (5%)



- Cyan (93%)
- Magenta (7%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Hex color 13ECF2 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 13ECF2 by changing the saturation by 10% instead.

 13ECF2

 13ECF2

FFFFFF

 00CFD6

 78FFFF

 00B3BA

 9AFFFF

 00989F

 BBFFFF

 007E85

 DCFFFF

 00646C

 FCFFFF

 004B53

 00333C

 001C27

 000112

 13ECF2

 13ECF2

 00EBF2

 2BEDF2

 43EDF2

 5CEEF2

 74EFF2

 8CEFF2

 A4F0F2

 BCF1F2

 D5F1F2

 EDF2F2

Harmonies

Analogous

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



67EBC5



13ECF2



1CE8FF

Triad

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



13ECF2



FEBFFF



FECE7F

Complementary

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



13ECF2



F21913

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.



FFBF94



13ECF2



FFB4E5

Square

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



13ECF2



C6CFFB



FFB4B9



D3DC82

Rectangle

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



13ECF2



5FE1FF



FFB4B9



FFC983

Sweetspot

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



13ECF2



B8FDFD



13F217



547E80



000000



808080

Same Dimension

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



13ECF2



00F8FF



137FF2



6C7878



00B3B8



003738

Inverse Universe

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



F213EC



FF00F8



F28613



786C78



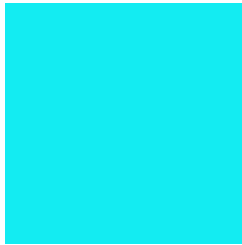
B800B3



380037

Previews

White Background



This preview shows how the Hex color 13ECF2 looks on a white background.

Color Contrast Check

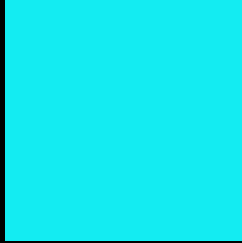
Large Text (above 18pt) WCAG AA × Fail

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 13ECF2 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

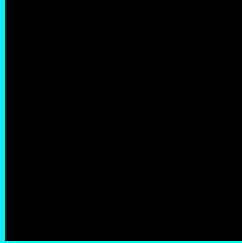
Any Text WCAG AA ✓ Pass

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 13ECF2 Background



This preview shows how black text looks on a background with the Hex color 13ECF2.

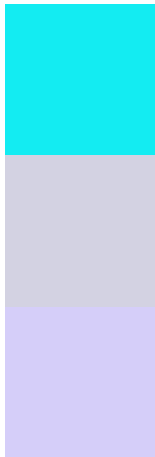


This preview shows how white text looks on a background with the Hex color 13ECF2.

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](#).

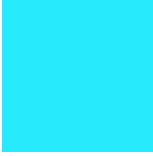
Dichromacy



Original Color
13ECF2

Protanopia
D3D2E2

Deuteranopia
D5CEF9

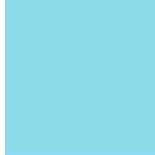


Tritanopia
28EAFD

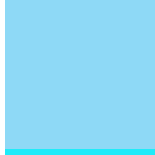
Trichromacy



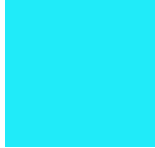
Original Color
13ECF2



Protanomaly
8DDBE8



Deuteranomaly
8ED9F6

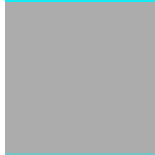


Tritanomaly
20EBF9

Monochromacy



Original Color
13ECF2



Achromatopsia
ACACAC



Achromatomaly
74C3C5

CSS Examples

Text

The CSS property to change the color of the text to Hex 13ECF2 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 #13ECF2 looks like.

```
.text, #text, p{  
    color:#13ECF2  
}
```

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 #13ECF2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #13ECF2
}
```

Border

The CSS property to change the border of an element to Hex 13ECF2 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
#13ECF2 }
```

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

```
.border{ border-color:#13ECF2 }
```

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

Here you see how a box with a 4 pixel #13ECF2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #13ECF2; -webkit-box-shadow:4px 4px  
4px 4px #13ECF2; box-shadow:4px 4px 4px  
4px #13ECF2 }
```

Background

The CSS property to change the background color of an element to Hex 13ECF2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#13ECF2 }
```

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

```
.background{ background-color:#13ECF2 }
```

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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