

Converting Colors

Hex(15EFE6)

Have a look what the booklet for
Hex(15EFE6) contains.

Hex(15EFE6)	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(15EFE6)

Conversions

Conversions Part 1

Format	Color
Hex	15EFE6
RGB	21, 239, 230
RGB Percent	8%, 94%, 90%
CMY	0.9176, 0.0627, 0.0980
CMYK	0.91, 0.00, 0.04, 0.06
HSL	178°, 87%, 51%
HSV	178°, 91%, 94%
XYZ	45.4587, 67.6056, 85.5162
YIQ	172.7920, -127.0390, -49.0150

Conversions

Conversions Part 2

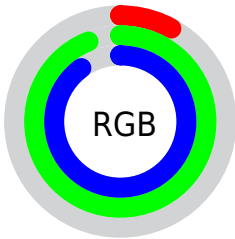
Format	Color
R _Y B	21, 132, 239
Decimal	1437670
CIE Lab	85.81, -47.81, -8.99
CIE LCh	86, 48.652, 190.653
Yxy	67.6056, 0.2289, 0.3404
Android (android.graphics.Color)	4279627750 (0xFF15EFE6)
YUV	172.7920, 28.2035, -133.1216
Hunter-Lab	82.2226, -45.2017, -4.1091

Details

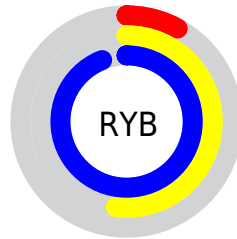
The Hex color **15EFE6** is a light color, and the websafe version is hex **00FFFF**. The color can be described as light washed cyan. A complement of this color would be **EF151E**, and the grayscale version is **ADADAD**.

A 20% lighter version of the original color is **77FFFF**, and **00B6AF** is the 20% darker color. If you saturate the color by 10%, you get **00EFE5**, and if you desaturate by 10%, it is **2DEFE7**.

Distribution



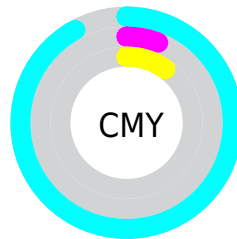
- Red (8%)
- Green (94%)
- Blue (90%)



- Red (8%)
- Yellow (52%)
- Blue (94%)



- Cyan (91%)
- Magenta (0%)
- Yellow (4%)
- Black (6%)



- Cyan (92%)
- Magenta (6%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15EFE6 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 15EFE6 by changing the saturation by 10% instead.

 15EFE6

FFFFFF

 77FFFF

 9AFFFF

 BAFFFF

 DBFFFF

 FBFFFF

 15EFE6

 00D2CA

 00B6AF

 009B94

 00807A

 006662

 004D4A

 003533

 001E1E

 000004

■ 15EFE6

■ 15EFE6

■ 00EFE5

■ 2DEFE7

■ 45EFE8

■ 5DEFE9

■ 75EFEA

■ 8DEFEB

■ A4EFEC

■ BCEFED

■ D4EFEE

■ ECEFEF

Harmonies

Analogous

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



76EDB6



15EFE6



00ECFF

Triad

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



15EFE6



F1C4FF



FFC980

Complementary

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



15EFE6



EF151E

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.



FFBA9D



15EFE6



FFB6F6

Square

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



15EFE6



ADD6FF



FFB2C8



E4D97A

Rectangle

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



15EFE6



26E7FF



FFB2C8



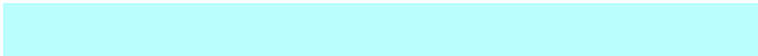
FFC487

Sweetspot

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



15EFE6



BAFFFC



20EF15



57807E



000000



808080

Same Dimension

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



15EFE6



00FFF4



158DEF



6C7877



00B8B0



003836

Inverse Universe

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



EF151E



FF000B



EF7715



786C6C



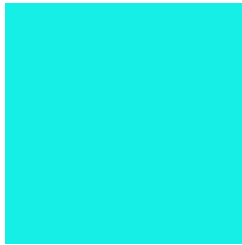
B80008



380002

Previews

White Background



This preview shows how the Hex color 15EFE6 looks on a white background.

Color Contrast Check

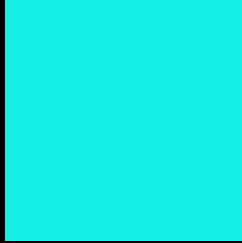
Large Text (above 18pt) WCAG AA × Fail

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 15EFE6 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

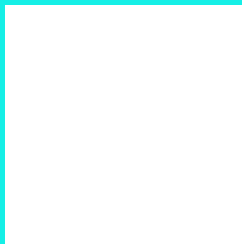
Any Text WCAG AAA ✓ Pass

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

Hex 15EFE6 Background



This preview shows how black text looks on a background with the Hex color 15EFE6.

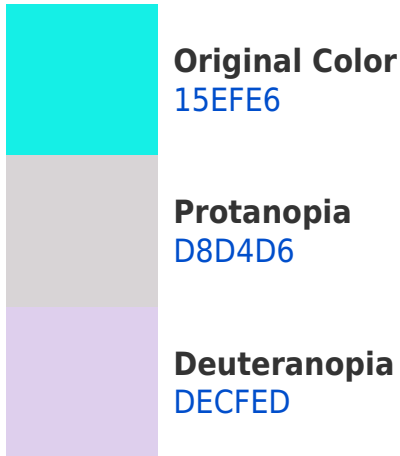


This preview shows how white text looks on a background with the Hex color 15EFE6.

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



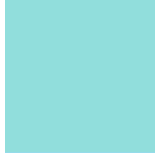


Tritanopia
36EBFE

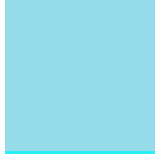
Trichromacy



Original Color
15EFE6



Protanomaly
91DEDC



Deuteranomaly
95DBEA

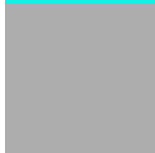


Tritanomaly
2AECF5

Monochromacy



Original Color
15EFE6



Achromatopsia
ADADAD



Achromatomaly
76C5C2

CSS Examples

Text

The CSS property to change the color of the text to Hex 15EFE6 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 #15EFE6 looks like.

```
.text, #text, p{  
    color:#15EFE6  
}
```

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 #15EFE6 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15EFE6
}
```

Border

The CSS property to change the border of an element to Hex 15EFE6 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
#15EFE6 }
```

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

```
.border{ border-color:#15EFE6 }
```

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

Here you see how a box with a 4 pixel #15EFE6 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15EFE6; -webkit-box-shadow:4px 4px  
4px 4px #15EFE6; box-shadow:4px 4px 4px  
4px #15EFE6 }
```

Background

The CSS property to change the background color of an element to Hex 15EFE6 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15EFE6 }
```

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

```
.background{ background-color:#15EFE6 }
```

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