

Converting Colors

Hex(15D4EA)

Have a look what the booklet for
Hex(15D4EA) contains.

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Color

Hex(15D4EA)

Conversions

Conversions Part 1

Format	Color
Hex	15D4EA
RGB	21, 212, 234
RGB Percent	8%, 83%, 92%
CMY	0.9176, 0.1686, 0.0824
CMYK	0.91, 0.09, 0.00, 0.08
HSL	186°, 84%, 50%
HSV	186°, 91%, 92%
XYZ	38.7040, 53.1869, 86.0681
YIQ	157.3990, -120.8980, -33.6500

Conversions

Conversions Part 2

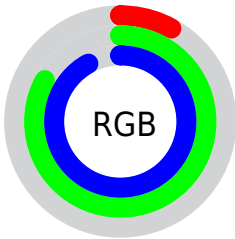
Format	Color
R _Y B	21, 122, 234
Decimal	1430762
CIE Lab	77.99, -34.51, -22.88
CIE LCh	78, 41.402, 213.547
Yxy	53.1869, 0.2175, 0.2989
Android (android.graphics.Color)	4279620842 (0xFF15D4EA)
YUV	157.3990, 37.7643, -119.6219
Hunter-Lab	72.9294, -32.8954, -18.9210

Details

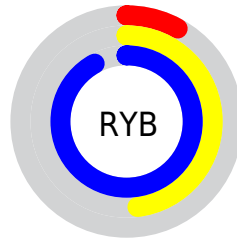
The Hex color **15D4EA** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **EA2B15**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **74FFFF**, and **009DB2** is the 20% darker color. If you saturate the color by 10%, you get **00D2EA**, and if you desaturate by 10%, it is **2CD6EA**.

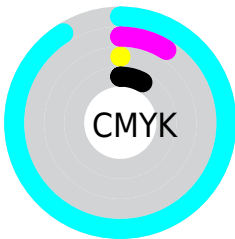
Distribution



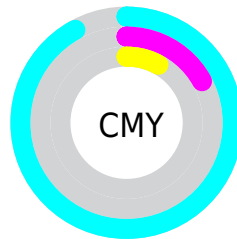
- Red (8%)
- Green (83%)
- Blue (92%)



- Red (8%)
- Yellow (48%)
- Blue (92%)



- Cyan (91%)
- Magenta (9%)
- Yellow (0%)
- Black (8%)



- Cyan (92%)
- Magenta (17%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D4EA 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 15D4EA by changing the saturation by 10% instead.

15D4EA

15D4EA

FFFFFF

00B8CE

74FFFF

009DB2

95FFFF

008297

B6FFFF

00697E

D6FFFF

005065

F5FFFF

00384D

002536

000221

000005

 15D4EA

 15D4EA

 00D2EA

 2CD6EA

 44D9EA

 5BDBEA

 73DEEA

 8AE0EA

 A1E3EA

 B9E5EA

 D0E7EA

 E8EAEA

Harmonies

Analogous

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



49D5C4



15D4EA



4BCEFF

Triad

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



15D4EA



F5A8E4



D6C073

Complementary

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



15D4EA



EA2B15

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.



F6B37D



15D4EA



FFA3BE

Square

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



15D4EA



CBB5FF



FFA798



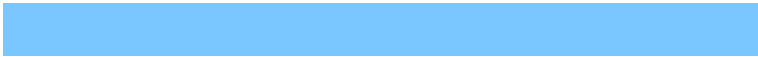
ADCB7F

Rectangle

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



15D4EA



7AC7FF



FFA798



E2BC74

Sweetspot

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



15D4EA



BAF8FF



15EA2A



577B80



000000



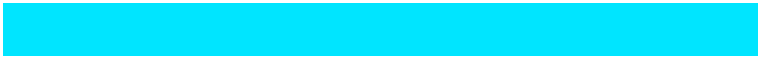
808080

Same Dimension

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



15D4EA



00E5FF



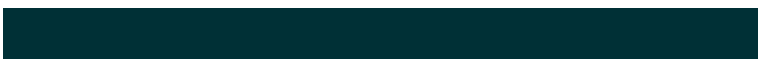
156AEA



6A7475



00A2B5



003036

Inverse Universe

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



EA15D4



FF00E5



EA9515



756A74



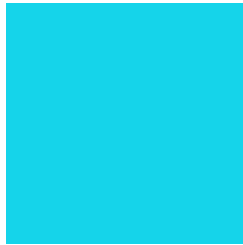
B500A2



360030

Previews

White Background



This preview shows how the Hex color 15D4EA looks on a white background.

Color Contrast Check

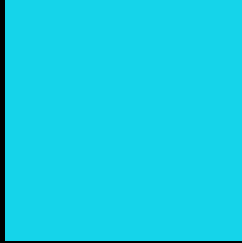
Large Text (above 18pt) WCAG AA × Fail

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 15D4EA 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 15D4EA Background



This preview shows how black text looks on a background with the Hex color 15D4EA.

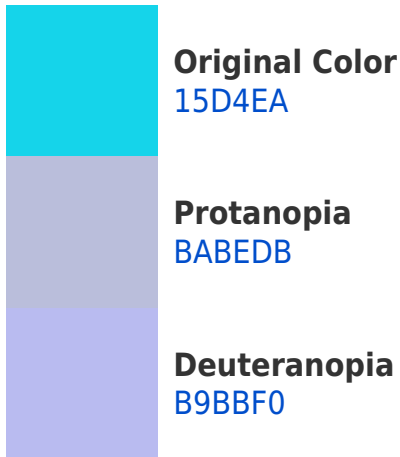


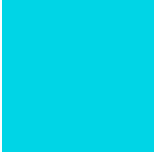
This preview shows how white text looks on a background with the Hex color 15D4EA.

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



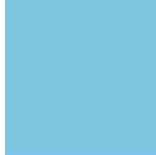


Tritanopia
00D5E6

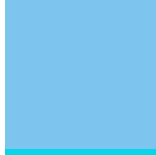
Trichromacy



Original Color
15D4EA



Protanomaly
7EC6E0



Deuteranomaly
7DC4EE

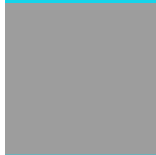


Tritanomaly
08D5E7

Monochromacy



Original Color
15D4EA



Achromatopsia
9D9D9D



Achromatomaly
6CB1B9

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D4EA 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 #15D4EA looks like.

```
.text, #text, p{  
    color:#15D4EA  
}
```

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 #15D4EA colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D4EA
}
```

Border

The CSS property to change the border of an element to Hex 15D4EA 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
#15D4EA }
```

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

```
.border{ border-color:#15D4EA }
```

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

Here you see how a box with a 4 pixel #15D4EA colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D4EA; -webkit-box-shadow:4px 4px  
4px 4px #15D4EA; box-shadow:4px 4px 4px  
4px #15D4EA }
```

Background

The CSS property to change the background color of an element to Hex 15D4EA is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D4EA }
```

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

```
.background{ background-color:#15D4EA }
```

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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