

Converting Colors

Hex(15CCE1)

Have a look what the booklet for
Hex(15CCE1) contains.

Hex(15CCE1)	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(15CCE1)

Conversions

Conversions Part 1

Format	Color
Hex	15CCE1
RGB	21, 204, 225
RGB Percent	8%, 80%, 88%
CMY	0.9176, 0.2000, 0.1176
CMYK	0.91, 0.09, 0.00, 0.12
HSL	186°, 83%, 48%
HSV	186°, 91%, 88%
XYZ	35.4927, 48.7814, 78.7793
YIQ	151.6770, -115.8090, -32.2650

Conversions

Conversions Part 2

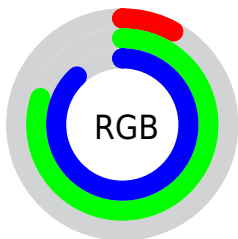
Format	Color
RYB	21, 117, 225
Decimal	1428705
CIELab	75.32, -33.54, -22.11
CIELCh	75, 40.174, 213.388
Yxy	48.7814, 0.2177, 0.2992
Android (android.graphics.Color)	4279618785 (0xFF15CCE1)
YUV	151.6770, 36.1482, -114.6037
Hunter-Lab	69.8437, -31.5174, -17.9848

Details

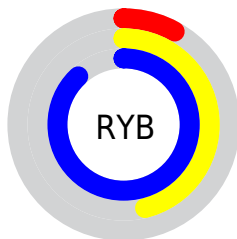
The Hex color **15CCE1** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E12A15**, and the grayscale version is **979797**.

A 20% lighter version of the original color is **71FFFF**, and **0095AA** is the 20% darker color. If you saturate the color by 10%, you get **00CAE1**, and if you desaturate by 10%, it is **2CCEE1**.

Distribution



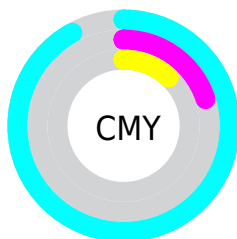
- Red (8%)
- Green (80%)
- Blue (88%)



- Red (8%)
- Yellow (46%)
- Blue (88%)



- Cyan (91%)
- Magenta (9%)
- Yellow (0%)
- Black (12%)



- Cyan (92%)
- Magenta (20%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15CCE1 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 15CCE1 by changing the saturation by 10% instead.

 15CCE1

 15CCE1

FFFFFF

 00B0C5

 71FFFF

 0095AA

 93FFFF

 007B8F

 B3FFFF

 006276

 D2FFFF

 00495D

 F2FFFF

 003245

 001D2F

 00011A

 000000

■ 15CCE1

■ 15CCE1

■ 00CAE1

■ 2CCEE1

■ 42D1E1

■ 59D3E1

■ 6FD5E1

■ 86D8E1

■ 9CDAE1

■ B3DCE1

■ C9DFE1

■ E0E1E1

Harmonies

Analogous

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



46CDBD



15CCE1



48C6FB

Triad

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



15CCE1



ECA2DB



CEB96F

Complementary

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



15CCE1



E12A15

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.



EDAC78



15CCE1



FF9DB7

Square

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



15CCE1



C3AEF7



FFA193



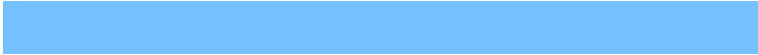
A7C37A

Rectangle

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



15CCE1



75C0FF



FFA193



D9B470

Sweetspot

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



15CCE1



BAF8FF



15E129



577B80



000000



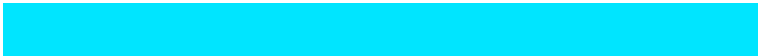
808080

Same Dimension

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



15CCE1



00E5FF



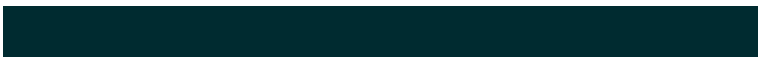
1567E1



656F70



009EB0



002B30

Inverse Universe

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



E115CC



FF00E5



E18F15



70656F



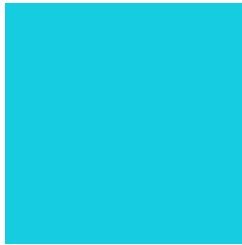
B0009E



30002B

Previews

White Background



This preview shows how the Hex color 15CCE1 looks on a white background.

Color Contrast Check

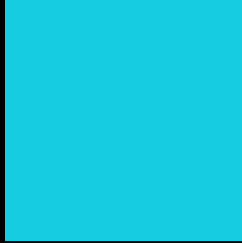
Large Text (above 18pt) WCAG AA × Fail

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 15CCE1 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

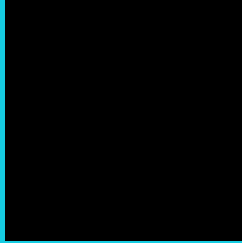
Any Text WCAG AA ✓ Pass

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 15CCE1 Background



This preview shows how black text looks on a background with the Hex color 15CCE1.

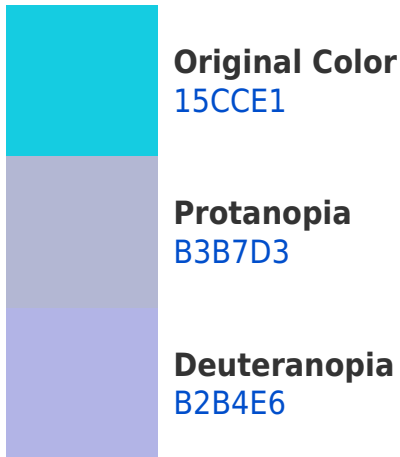


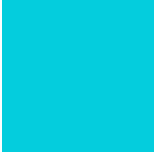
This preview shows how white text looks on a background with the Hex color 15CCE1.

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](#).

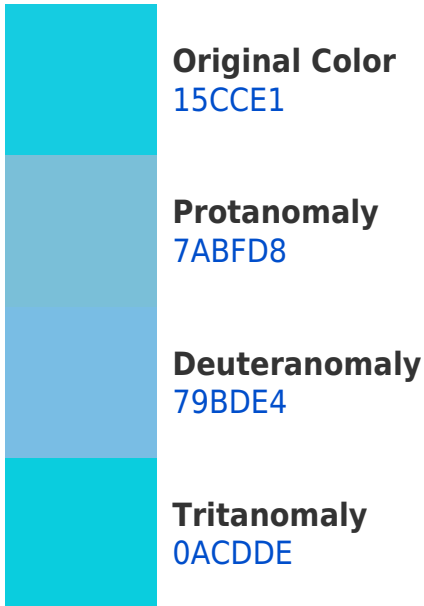
Dichromacy



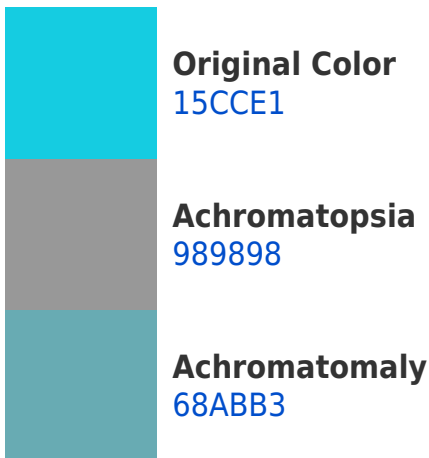


Tritanopia
04CDDD

Trichromacy



Monochromacy



CSS Examples

Text

The CSS property to change the color of the text to Hex 15CCE1 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 #15CCE1 looks like.

```
.text, #text, p{  
    color:#15CCE1  
}
```

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 #15CCE1 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15CCE1
}
```

Border

The CSS property to change the border of an element to Hex 15CCE1 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
#15CCE1 }
```

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

```
.border{ border-color:#15CCE1 }
```

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

Here you see how a box with a 4 pixel #15CCE1 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15CCE1; -webkit-box-shadow:4px 4px  
4px 4px #15CCE1; box-shadow:4px 4px 4px  
4px #15CCE1 }
```

Background

The CSS property to change the background color of an element to Hex 15CCE1 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15CCE1 }
```

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

```
.background{ background-color:#15CCE1 }
```

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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