

Converting Colors

Hex(15D5E2)

Have a look what the booklet for
Hex(15D5E2) contains.

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Color

Hex(15D5E2)

Conversions

Conversions Part 1

Format	Color
Hex	15D5E2
RGB	21, 213, 226
RGB Percent	8%, 84%, 89%
CMY	0.9176, 0.1647, 0.1137
CMYK	0.91, 0.06, 0.00, 0.11
HSL	184°, 83%, 48%
HSV	184°, 91%, 89%
XYZ	37.8310, 53.2389, 80.2337
YIQ	157.0740, -118.6050, -36.6610

Conversions

Conversions Part 2

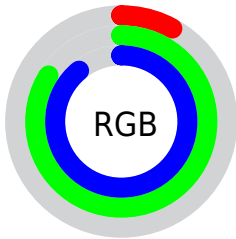
Format	Color
RYB	21, 120, 226
Decimal	1431010
CIELab	78.02, -37.45, -18.55
CIElCh	78, 41.788, 206.353
Yxy	53.2389, 0.2208, 0.3108
Android (android.graphics.Color)	4279621090 (0xFF15D5E2)
YUV	157.0740, 33.9805, -119.3369
Hunter-Lab	72.9650, -35.1399, -14.1209

Details

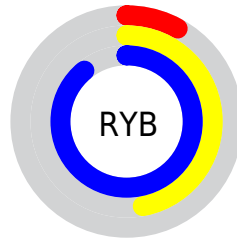
The Hex color **15D5E2** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light washed cyan. A complement of this color would be **E22215**, and the grayscale version is **9D9D9D**.

A 20% lighter version of the original color is **73FFFF**, and **009EAB** is the 20% darker color. If you saturate the color by 10%, you get **00D4E2**, and if you desaturate by 10%, it is **2CD6E2**.

Distribution



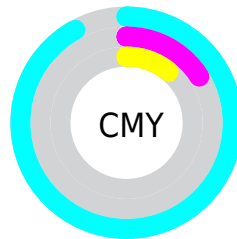
- Red (8%)
- Green (84%)
- Blue (89%)



- Red (8%)
- Yellow (47%)
- Blue (89%)



- Cyan (91%)
- Magenta (6%)
- Yellow (0%)
- Black (11%)



- Cyan (92%)
- Magenta (16%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15D5E2 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 15D5E2 by changing the saturation by 10% instead.

15D5E2

15D5E2

FFFFFF

00B9C6

73FFFF

009EAB

94FFFF

008390

B4FFFF

006977

D4FFFF

00505E

F4FFFF

003946

002430

00011B

000000

■ 15D5E2

■ 15D5E2

■ 00D4E2

■ 2CD6E2

■ 42D8E2

■ 59D9E2

■ 6FD8E2

■ 86DCE2

■ 9DDEE2

■ B3DFE2

■ CAE0E2

■ E0E2E2

Harmonies

Analogous

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



55D5BB



15D5E2



37D0FF

Triad

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



15D5E2



EDABEC



DFBD73

Complementary

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



15D5E2



E22215

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.



FDAF82



15D5E2



FFA3C7

Square

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



15D5E2



BEB9FF



FFA5A0



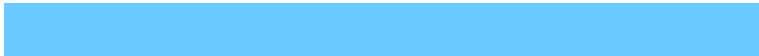
B7C97A

Rectangle

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



15D5E2



68CAFF



FFA5A0



EAB876

Sweetspot

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



15D5E2



BAFBFF



15E21F



577D80



000000



808080

Same Dimension

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



15D5E2



00EFFF



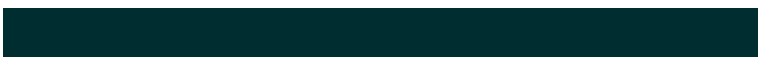
1571E2



656F70



00A5B0



002D30

Inverse Universe

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



E215D5



FF00EF



E28615



70656F



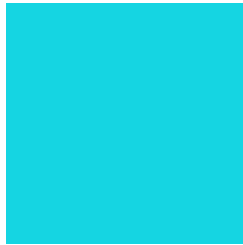
B000A5



30002D

Previews

White Background



This preview shows how the Hex color 15D5E2 looks on a white background.

Color Contrast Check

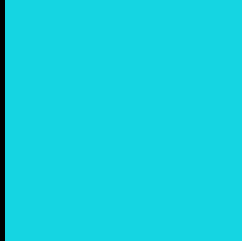
Large Text (above 18pt) WCAG AA × Fail

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 15D5E2 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 15D5E2 Background



This preview shows how black text looks on a background with the Hex color 15D5E2.

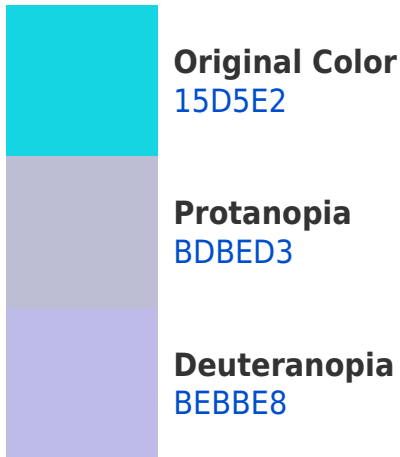


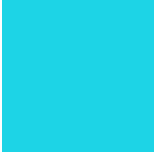
This preview shows how white text looks on a background with the Hex color 15D5E2.

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



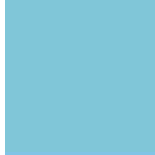


Tritanopia
1DD4E6

Trichromacy



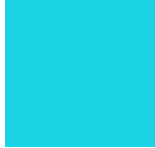
Original Color
15D5E2



Protanomaly
80C6D8



Deuteranomaly
81C4E6

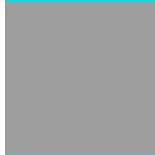


Tritanomaly
1AD4E5

Monochromacy



Original Color
15D5E2



Achromatopsia
9D9D9D



Achromatomaly
6CB1B6

CSS Examples

Text

The CSS property to change the color of the text to Hex 15D5E2 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 #15D5E2 looks like.

```
.text, #text, p{  
    color:#15D5E2  
}
```

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 #15D5E2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D5E2
}
```

Border

The CSS property to change the border of an element to Hex 15D5E2 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
#15D5E2 }
```

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

```
.border{ border-color:#15D5E2 }
```

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

Here you see how a box with a 4 pixel #15D5E2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D5E2; -webkit-box-shadow:4px 4px  
4px 4px #15D5E2; box-shadow:4px 4px 4px  
4px #15D5E2 }
```

Background

The CSS property to change the background color of an element to Hex 15D5E2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D5E2 }
```

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

```
.background{ background-color:#15D5E2 }
```

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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