

Converting Colors

Hex(15C8D5)

Have a look what the booklet for
Hex(15C8D5) contains.

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Color

Hex(15C8D5)

Conversions

Conversions Part 1

Format	Color
Hex	15C8D5
RGB	21, 200, 213
RGB Percent	8%, 78%, 84%
CMY	0.9176, 0.2157, 0.1647
CMYK	0.90, 0.06, 0.00, 0.16
HSL	184°, 82%, 46%
HSV	184°, 90%, 84%
XYZ	32.9738, 46.2721, 70.1443
YIQ	147.9610, -110.8570, -33.9050

Conversions

Conversions Part 2

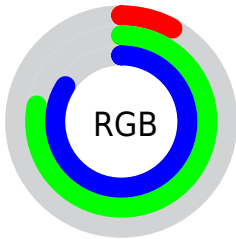
Format	Color
R _Y B	21, 114, 213
Decimal	1427669
CIE Lab	73.72, -35.40, -18.04
CIE LCh	74, 39.734, 207.001
Yxy	46.2721, 0.2207, 0.3097
Android (android.graphics.Color)	4279617749 (0xFF15C8D5)
YUV	147.9610, 32.0642, -111.3448
Hunter-Lab	68.0236, -32.5151, -13.5219

Details

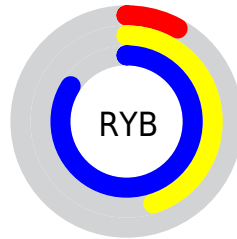
The Hex color **15C8D5** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D52215**, and the grayscale version is **949494**.

A 20% lighter version of the original color is **6FFFFFF**, and **00919E** is the 20% darker color. If you saturate the color by 10%, you get **00C7D5**, and if you desaturate by 10%, it is **2AC9D5**.

Distribution



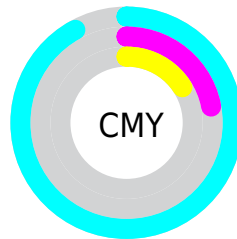
- Red (8%)
- Green (78%)
- Blue (84%)



- Red (8%)
- Yellow (45%)
- Blue (84%)



- Cyan (90%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



- Cyan (92%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the Hex color 15C8D5 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 15C8D5 by changing the saturation by 10% instead.

 15C8D5

 15C8D5

FFFFFF

 00ACB9

 6FFFFFF

 00919E

 90FFFF

 007784

 B0FFFF

 005E6B

 CFFFFFF

 004653

 EFFFFFF

 002E3C

 001726

 000110

 000000

■ 15C8D5

■ 15C8D5

■ 00C7D5

■ 2AC9D5

■ 40CBD5

■ 55CCD5

■ 6ACED5

■ 80CFD5

■ 95D1D5

■ AAD2D5

■ BFD4D5

■ D5D5D5

Harmonies

Analogous

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



4FC8B0



15C8D5



36C3F1

Triad

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



15C8D5



E0A0DD



D0B26C

Complementary

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



15C8D5



D52215

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.



EDA579



15C8D5



F899BA

Square

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



15C8D5



B4ADF6



FC9B96



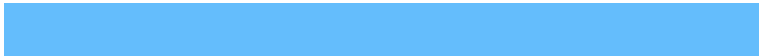
ABB73

Rectangle

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



15C8D5



64BDFC



FC9B96



DBAD6E

Sweetspot

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



15C8D5



BAFAFF



15D522



577D80



000000



808080

Same Dimension

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



15C8D5



00EEFF



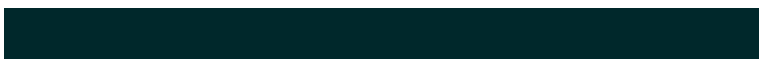
1568D5



606A6B



009FAB



00282B

Inverse Universe

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



D515C8



FF00EE



D58215



6B606A



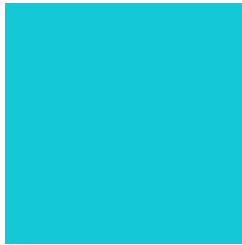
AB009F



2B0028

Previews

White Background



This preview shows how the Hex color 15C8D5 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 15C8D5 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

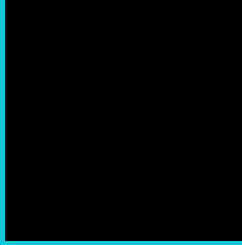
Any Text WCAG AA ✓ Pass

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 15C8D5 Background



This preview shows how black text looks on a background with the Hex color 15C8D5.

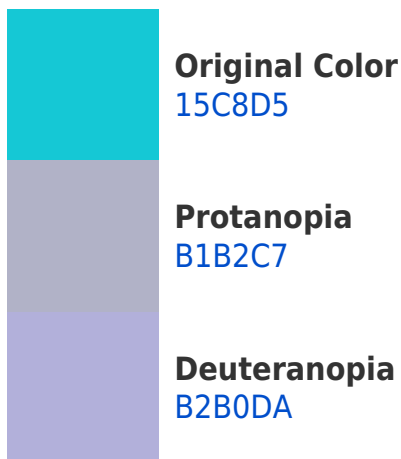


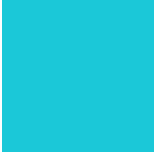
This preview shows how white text looks on a background with the Hex color 15C8D5.

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
1BC8D8

Trichromacy



Original Color
15C8D5



Protanomaly
78BACC



Deuteranomaly
79B9D8



Tritanomaly
19C8D7

Monochromacy



Original Color
15C8D5



Achromatopsia
949494



Achromatomaly
66A7AC

CSS Examples

Text

The CSS property to change the color of the text to Hex 15C8D5 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 #15C8D5 looks like.

```
.text, #text, p{  
    color:#15C8D5  
}
```

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 #15C8D5 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15C8D5
}
```

Border

The CSS property to change the border of an element to Hex 15C8D5 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
#15C8D5 }
```

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

```
.border{ border-color:#15C8D5 }
```

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

Here you see how a box with a 4 pixel #15C8D5 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15C8D5; -webkit-box-shadow:4px 4px  
4px 4px #15C8D5; box-shadow:4px 4px 4px  
4px #15C8D5 }
```

Background

The CSS property to change the background color of an element to Hex 15C8D5 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15C8D5 }
```

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

```
.background{ background-color:#15C8D5 }
```

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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