

# Converting Colors

Hex(15D2C9)

Have a look what the booklet for  
Hex(15D2C9) contains.

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# Color

Hex(15D2C9)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D2C9
RGB	21, 210, 201
RGB Percent	8%, 82%, 79%
CMY	0.9176, 0.1765, 0.2118
CMYK	0.90, 0.00, 0.04, 0.18
HSL	177°, 82%, 45%
HSV	177°, 90%, 82%
XYZ	33.8985, 50.4697, 63.2133
YIQ	152.4630, -109.7550, -42.8670

# Conversions

## Conversions Part 2

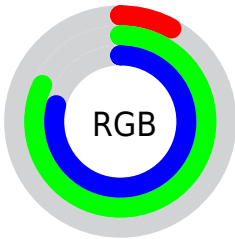
Format	Color
<a href="#">RYB</a>	<a href="#">21, 118, 210</a>
Decimal	<a href="#">1430217</a>
CIELab	<a href="#">76.36, -43.51, -7.61</a>
CIElCh	<a href="#">76, 44.167, 189.921</a>
Yxy	<a href="#">50.4697, 0.2297, 0.3420</a>
Android (android.graphics.Color)	<a href="#">4279620297</a> ( <a href="#">0xFF15D2C9</a> )
YUV	<a href="#">152.4630, 23.9287, -115.2931</a>
Hunter-Lab	<a href="#">71.0420, -39.1503, -3.0270</a>

# Details

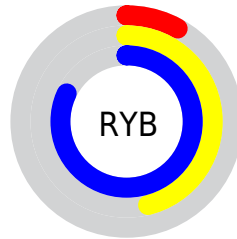
The Hex color **15D2C9** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed cyan. A complement of this color would be **D2151E**, and the grayscale version is **989898**.

A 20% lighter version of the original color is **6FFFFFF**, and **009B93** is the 20% darker color. If you saturate the color by 10%, you get **00D2C8**, and if you desaturate by 10%, it is **2AD2CA**.

# Distribution



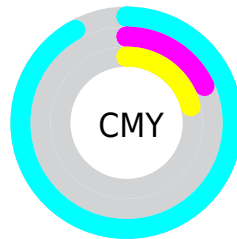
- Red (8%)
- Green (82%)
- Blue (79%)



- Red (8%)
- Yellow (46%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (4%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D2C9 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 15D2C9 by changing the saturation by 10% instead.



 15D2C9

 15D2C9

FFFFFF

 00B6AE

 6FFFFFF

 009B93

 90FFFF

 008079

 B0FFFF

 006661

 CFFFFFF

 004D49

 EFFFFFF

 003533

 001F1E

 000003

 000000

■ 15D2C9

■ 15D2C9

■ 00D2C8

■ 2AD2CA

■ 3FD2CB

■ 54D2CC

■ 69D2CD

■ 7ED2CE

■ 93D2CF

■ A8D2D0

■ BDD2D1

■ D2D2D2

# Harmonies

## Analogous

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



68D09F



15D2C9



00D0EF

# Triad

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



15D2C9



D2ADFB



EEB070

# Complementary

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



15D2C9



D2151E

# 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.



FFA38A



15D2C9



FAA0D9

# Square

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



15D2C9



96BCFF



FF9CB0



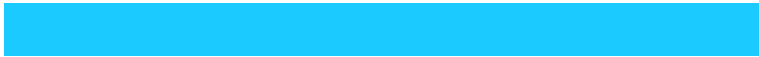
C9BE6A

# Rectangle

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



15D2C9



1BCBFF



FF9CB0



F7AC77

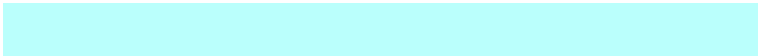


# Sweetspot

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



15D2C9



BAFFFC



1ED215



57807E



000000



808080



# Same Dimension

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



15D2C9



00FFF3



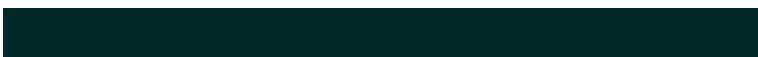
157DD2



5E6968



00A8A0



002927



# Inverse Universe

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



D2151E



FF000C



D26A15



695E5F



A80008

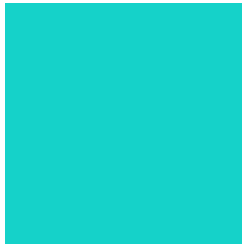


290002



# Previews

## White Background



This preview shows how the Hex color 15D2C9 looks on a white background.

## Color Contrast Check

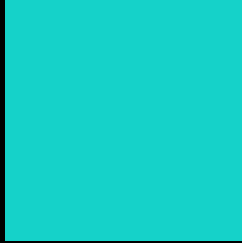
Large Text (above 18pt) WCAG AA × Fail

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 15D2C9 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

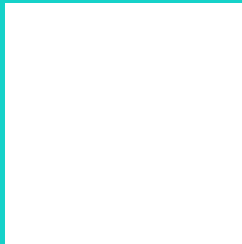
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15D2C9 Background



This preview shows how black text looks on a background with the Hex color 15D2C9.

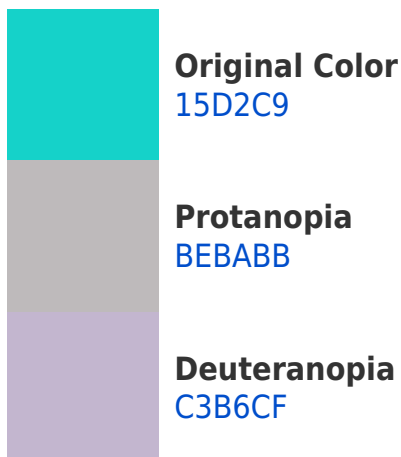


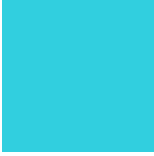
This preview shows how white text looks on a background with the Hex color 15D2C9.

# 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





# Trichromacy



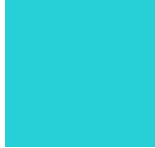
**Original Color**  
15D2C9



**Protanomaly**  
81C3C0

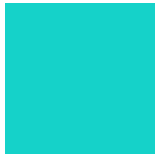


**Deuteranomaly**  
84C0CD



**Tritanomaly**  
27D0D7

# Monochromacy



**Original Color**  
15D2C9



**Achromatopsia**  
989898



**Achromatomaly**  
68ADAA

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D2C9 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 #15D2C9 looks like.

```
.text, #text, p{  
    color:#15D2C9  
}
```

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 #15D2C9 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D2C9
}
```

## Border

The CSS property to change the border of an element to Hex 15D2C9 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
#15D2C9 }
```

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

```
.border{ border-color:#15D2C9 }
```

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

Here you see how a box with a 4 pixel #15D2C9 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D2C9; -webkit-box-shadow:4px 4px  
4px 4px #15D2C9; box-shadow:4px 4px 4px  
4px #15D2C9 }
```

# Background

The CSS property to change the background color of an element to Hex 15D2C9 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D2C9 }
```

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

```
.background{ background-color:#15D2C9 }
```

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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