

# Converting Colors

Hex(15D0B2)

Have a look what the booklet for  
Hex(15D0B2) contains.

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# Color

Hex(15D0B2)

# Conversions

## Conversions Part 1

Format	Color
Hex	15D0B2
RGB	21, 208, 178
RGB Percent	8%, 82%, 70%
CMY	0.9176, 0.1843, 0.3020
CMYK	0.90, 0.00, 0.14, 0.18
HSL	170°, 82%, 45%
HSV	170°, 90%, 82%
XYZ	30.9010, 48.4855, 49.8495
YIQ	148.6670, -101.8220, -48.9740

# Conversions

## Conversions Part 2

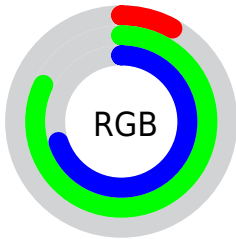
Format	Color
<a href="#">RYB</a>	<a href="#">21, 123, 208</a>
Decimal	<a href="#">1429682</a>
CIELab	<a href="#">75.13, -49.00, 2.98</a>
CIELCh	<a href="#">75, 49.086, 176.524</a>
Yxy	<a href="#">48.4855, 0.2391, 0.3752</a>
Android (android.graphics.Color)	<a href="#">4279619762</a> ( <a href="#">0xFF15D0B2</a> )
YUV	<a href="#">148.6670, 14.4612, -111.9640</a>
Hunter-Lab	<a href="#">69.6316, -42.6407, 6.2962</a>

# Details

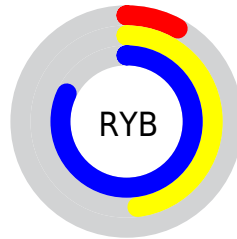
The Hex color **15D0B2** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **D01533**, and the grayscale version is **959595**.

A 20% lighter version of the original color is **6DFFEA**, and **00987D** is the 20% darker color. If you saturate the color by 10%, you get **00D0AF**, and if you desaturate by 10%, it is **2AD0B5**.

# Distribution



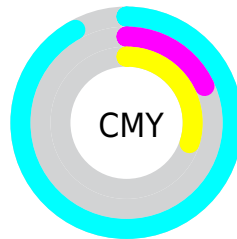
- Red (8%)
- Green (82%)
- Blue (70%)



- Red (8%)
- Yellow (48%)
- Blue (82%)



- Cyan (90%)
- Magenta (0%)
- Yellow (14%)
- Black (18%)



- Cyan (92%)
- Magenta (18%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the Hex color 15D0B2 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 15D0B2 by changing the saturation by 10% instead.



 15D0B2

 15D0B2

FFFFFF

 00B497

 6DFFEA

 00987D

 8DFFFF

 007E65

 ADFFFF

 00644D

 CCFFFF

 004B36

 EBFFFF

 003321

 001B0A

 000000

 15D0B2

 15D0B2

00D0AF

2AD0B5

3FD0B9

53D0BC

68D0BF

7DD0C3

92D0C6

A7D0C9

BBD0CD

D0D0D0

# Harmonies

## Analogous

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



75CC85



15D0B2



00D0E0

# Triad

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



15D0B2



B5AFFF



FCA46F

# Complementary

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



15D0B2



D01533

# 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.



FF9793



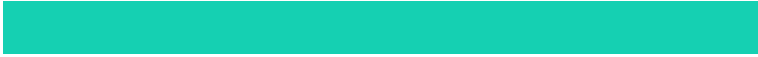
15D0B2



EC9EEB

# Square

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



15D0B2



61BFFF



FF94C0



D9B55D

# Rectangle

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



15D0B2



00CDF9



FF94C0



FF9F79

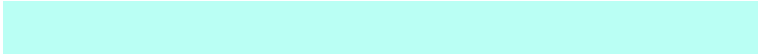


# Sweetspot

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



15D0B2



BAFFF4



34D015



578079



000000



808080



# Same Dimension

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



15D0B2



00FFD6



1592D0



5E6967



00A88D



002922



# Inverse Universe

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



D01533



FF0029



D05315



695E60



A8001B

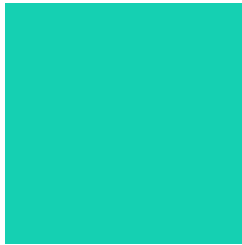


290007



# Previews

## White Background



This preview shows how the Hex color 15D0B2 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 15D0B2 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

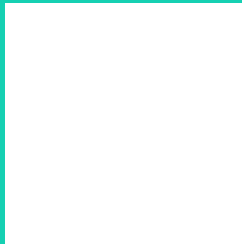
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## Hex 15D0B2 Background



This preview shows how black text looks on a background with the Hex color 15D0B2.

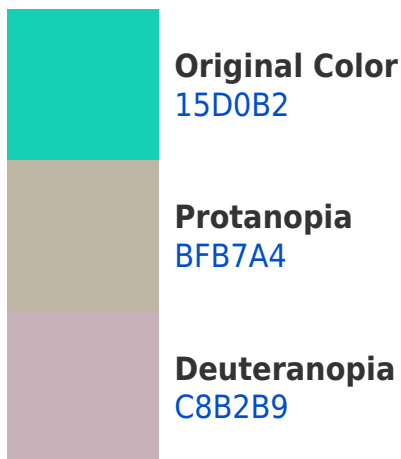


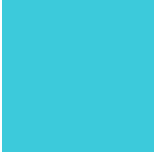
This preview shows how white text looks on a background with the Hex color 15D0B2.

# Color Blindness Simulation

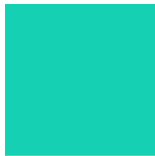
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy





# Trichromacy



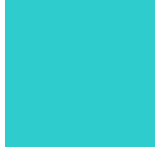
**Original Color**  
15D0B2



**Protanomaly**  
81C0A9



**Deuteranomaly**  
87BDB6



**Tritanomaly**  
2ECCCC

# Monochromacy



**Original Color**  
15D0B2



**Achromatopsia**  
959595



**Achromatomaly**  
66AAA0

# CSS Examples

## Text

The CSS property to change the color of the text to Hex 15D0B2 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 #15D0B2 looks like.

```
.text, #text, p{  
    color:#15D0B2  
}
```

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 #15D0B2 colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px #15D0B2
}
```

## Border

The CSS property to change the border of an element to Hex 15D0B2 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
#15D0B2 }
```

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

```
.border{ border-color:#15D0B2 }
```

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

Here you see how a box with a 4 pixel #15D0B2 colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px #15D0B2; -webkit-box-shadow:4px 4px  
4px 4px #15D0B2; box-shadow:4px 4px 4px  
4px #15D0B2 }
```

# Background

The CSS property to change the background color of an element to Hex 15D0B2 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background:#15D0B2 }
```

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

```
.background{ background-color:#15D0B2 }
```

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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