

# Converting Colors

HunterLab(70.2494, -48.0962,  
17.3118)

Have a look what the booklet for  
HunterLab(70.2494, -48.0962,  
17.3118) contains.

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# Color

**HunterLab(70.3658,  
-48.2547, 17.4843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	15D498
RGB	21, 212, 152
RGB Percent	8%, 83%, 60%
CMY	0.9176, 0.1686, 0.4039
CMYK	0.90, 0.00, 0.28, 0.17
HSL	161°, 82%, 46%
HSV	161°, 90%, 83%
XYZ	29.5203, 49.5135, 37.7070
YIQ	148.0510, -94.5760, -59.1520

# Conversions

## Conversions Part 2

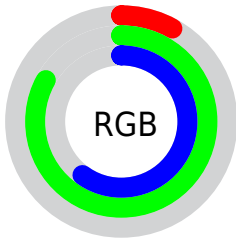
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	21, 134, 212
Decimal	1430680
CIE Lab	75.77, -56.95, 17.78
CIE LCh	76, 59.660, 162.666
Yxy	49.5154, 0.2529, 0.4241
Android (android.graphics.Color)	4279620760 (0xFF15D498)
YUV	148.0510, 1.9469, -111.4237
Hunter-Lab	70.3658, -48.2547, 17.4843

# Details

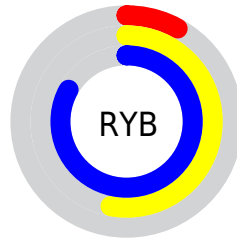
The HunterLab color **70.3658, -48.2547, 17.4843** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.8958, 64.5906, 13.2267**, and the grayscale version is **54.4618, -2.9059, 2.9590**.

A 20% lighter version of the original color is **88.9744, -49.2064, 15.0530**, and **49.7157, -35.8842, 15.3234** is the 20% darker color. If you saturate the color by 10%, you get **70.1038, -49.6405, 19.5359**, and if you desaturate by 10%, it is **70.7651, -46.3075, 15.4410**.

# Distribution



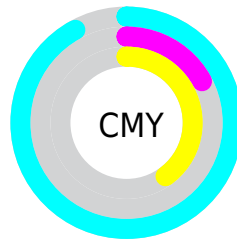
- Red (8%)
- Green (83%)
- Blue (60%)



- Red (8%)
- Yellow (53%)
- Blue (83%)



- Cyan (90%)
- Magenta (0%)
- Yellow (28%)
- Black (17%)




- Cyan (92%)
- Magenta (17%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3658, -48.2547, 17.4843 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 HunterLab color 70.3658, -48.2547, 17.4843 by changing the saturation by 10% instead.





 70.3658, -48.2547,  
17.4843

 70.3658, -48.2547,  
17.4843


196.1550,  
-77.9002, 31.0255


 59.1849, -44.3940,  
15.9281


 94.5814, -55.4964,  
20.5341


 48.6671, -40.3205,  
14.3368


 107.5544,  
-58.9306, 22.0395

 38.8587, -35.9766,  
12.6963


 121.0715,  
-62.2667, 23.5382

 29.8154, -31.2785,  
10.9842

 135.1119,  
-65.5193, 25.0335

 21.6084, -26.0988,  
9.1657

 149.6565,  
-68.7000, 26.5280

 14.3336, -21.7316,  
7.3107

164.6886,

 7.9929, -13.9876,

-71.8187, 28.0238

5.5951

180.1927,  
-74.8831, 29.5225

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3658, -48.2547,  
17.4843

■ 70.3658, -48.2547,  
17.4843

■ 70.1038, -49.6405,  
19.5359

■ 70.7651, -46.3075,  
15.4410


■ 71.3356, -43.6592,  
13.4777


■ 72.0972, -40.2571,  
11.6316


■ 73.0630, -36.0798,  
9.9342


■ 74.2413, -31.1324,

8.4122

 75.6368, -25.4412,  
7.0865

 77.2504, -19.0499,  
5.9725

 79.0805, -12.0143,  
5.0800

 81.1232, -4.3981,  
4.4134

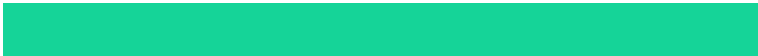
# Harmonies

## Analogous

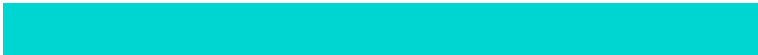
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.3672, -36.7528, 32.1072



70.3658, -48.2547, 17.4843



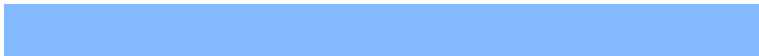
70.3672, -49.0867, -8.3938

# Triad

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



70.3672, -48.2552, 17.4849



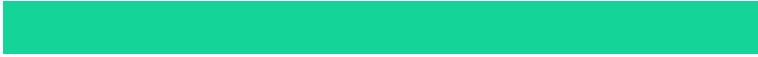
70.3672, 8.4816, -67.0107



70.3672, 40.5301, 30.5142

# Complementary

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



70.3658, -48.2547, 17.4843



38.8958, 64.5906, 13.2267

# 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.



70.3672, 57.0809, 14.1913



70.3658, -48.2547, 17.4843



70.3672, 36.7200, -45.3992

# Square

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



70.3672, -48.2552, 17.4849



70.3672, -19.1405, -64.9953



70.3672, 55.5863, -13.2644



70.3672, 13.0702, 37.3450



# Rectangle

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



70.3658, -48.2547, 17.4843



70.3672, -43.7031, -29.9316



70.3672, 55.5863, -13.2644



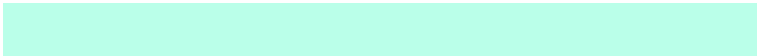
70.3672, 47.7339, 26.3035

# Sweetspot

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



70.3672, -48.2552, 17.4849



93.7455, -29.2317, 8.3219



69.9387, -53.1868, 41.5627



43.0703, -14.7288, 4.0860

0.0000, NaN, NaN

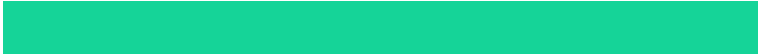


46.2646, -2.4686, 2.5136



# Same Dimension

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



70.3672, -48.2552, 17.4849



86.3775, -61.2946, 24.3531



60.2937, -22.8751, -24.5006



37.4678, -5.4535, 2.3788



55.0978, -38.8978, 15.1018



13.5856, -9.2224, 2.9277



# Inverse Universe

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



38.8958, 64.5906, 13.2267



46.7342, 81.2766, 20.5643



41.0890, 52.7890, 25.2182



35.3333, 1.7314, 1.6757



29.8402, 51.9846, 12.4423

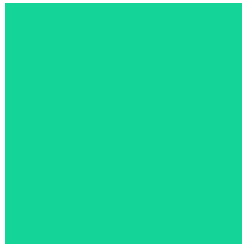


7.4288, 13.1350, 1.5988



# Previews

## White Background



This preview shows how the HunterLab color 70.3658, -48.2547, 17.4843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

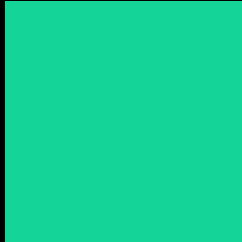
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.3658, -48.2547, 17.4843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

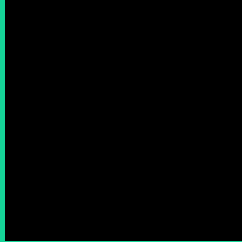
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

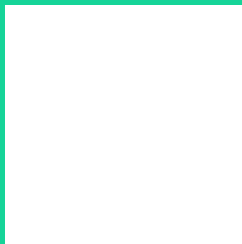
Any Text WCAG AAA ✓ Pass

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

## HunterLab 70.3658, -48.2547, 17.4843 Background



This preview shows how black text looks on a background with the HunterLab color 70.3658, -48.2547, 17.4843.



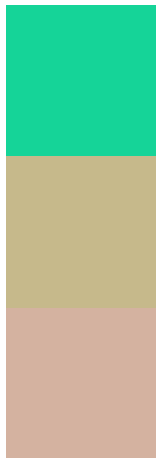
This preview shows how white text looks on a background with the HunterLab color 70.3658, -48.2547, 17.4843.

-48.2547, 17.4843.

# 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



### Original Color

70.3658, -48.2547, 17.4843

### Protanopia

69.6906, -5.9361, 22.0583

### Deuteranopia

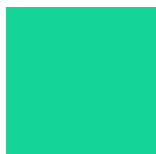
69.5528, 5.1060, 14.5971



## Tritanopia

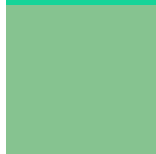
70.1833, -28.8526, -14.4593

# Trichromacy



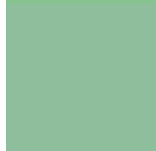
## Original Color

70.3658, -48.2547, 17.4843



## Protanomaly

67.9059, -28.4611, 18.3073



## Deuteranomaly

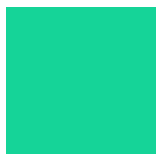
67.1572, -22.2991, 12.8300



## Tritanomaly

69.8854, -37.0156, -1.3871

# Monochromacy



## Original Color

70.3658, -48.2547, 17.4843



## Achromatopsia

54.4186, -2.9036, 2.9567



## Achromatomaly

58.4128, -24.3987, 6.7058

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.3658, -48.2547, 17.4843 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 `rgb(21, 212, 152)` looks like.

```
.text, #text, p{  
    color:rgb(21, 212, 152)  
}
```

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 rgb(21, 212, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(21, 212, 152) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.3658, -48.2547, 17.4843 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 rgb(21, 212, 152) }
```



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

```
.border{ border-color:rgb(21, 212, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(21, 212, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(21, 212, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(21, 212, 152);  
box-shadow:4px 4px 4px 4px rgb(21, 212,  
152) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.3658, -48.2547, 17.4843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(21, 212, 152) }
```

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

```
.background{ background-color: rgb(21, 212,  
152) }
```

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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