

# Converting Colors

HunterLab(73.0696, -48.4155,  
15.3739)

Have a look what the booklet for  
HunterLab(73.0696, -48.4155,  
15.3739) contains.

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# Color

**HunterLab(72.9045,  
-48.1860, 15.1302)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1FDAA5
RGB	31, 218, 165
RGB Percent	12%, 85%, 65%
CMY	0.8784, 0.1451, 0.3529
CMYK	0.86, 0.00, 0.24, 0.15
HSL	163°, 75%, 49%
HSV	163°, 86%, 85%
XYZ	32.4280, 53.1507, 44.1472
YIQ	156.0450, -94.4390, -56.1270

# Conversions

## Conversions Part 2

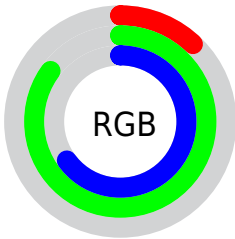
Format	Color
<b>RYB</b>	31, 140, 218
Decimal	2087589
CIELab	77.97, -55.64, 13.98
CIELCh	78, 57.367, 165.896
Yxy	53.1527, 0.2500, 0.4097
Android (android.graphics.Color)	4280277669 (0xFF1FDAA5)
YUV	156.0450, 4.4148, -109.6645
Hunter-Lab	72.9045, -48.1860, 15.1302

# Details

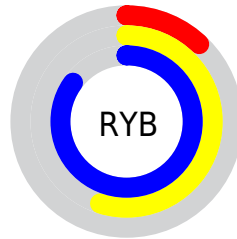
The HunterLab color **72.9045, -48.1860, 15.1302** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.6532, 64.9958, 13.9516**, and the grayscale version is **57.6894, -3.0782, 3.1344**.

A 20% lighter version of the original color is **89.5533, -46.1176, 9.5466**, and **51.9932, -36.3978, 13.5854** is the 20% darker color. If you saturate the color by 10%, you get **72.5955, -49.7606, 17.1387**, and if you desaturate by 10%, it is **73.3782, -45.9500, 13.2068**.

# Distribution



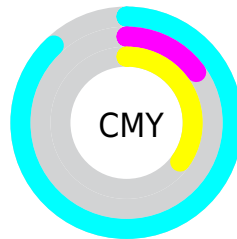
- Red (12%)
- Green (85%)
- Blue (65%)



- Red (12%)
- Yellow (55%)
- Blue (85%)



- Cyan (86%)
- Magenta (0%)
- Yellow (24%)
- Black (15%)




- Cyan (88%)
- Magenta (15%)
- Yellow (35%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.9045, -48.1860, 15.1302 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 72.9045, -48.1860, 15.1302 by changing the saturation by 10% instead.





 72.9045, -48.1860,  
15.1302


 72.9045, -48.1860,  
15.1302


199.7175,  
-77.1036, 27.1782


 61.5830, -44.4468,  
13.7927


 97.3802, -55.2205,  
17.7863


 50.9159, -40.5114,  
12.4393


 110.4745,  
-58.5644, 19.1120


 40.9475, -36.3280,  
11.0607


 124.1082,  
-61.8170, 20.4402

 31.7309, -31.8215,  
9.6425

 138.2607,  
-64.9917, 21.7730

 23.3332, -26.8787,  
8.1614

 152.9137,  
-68.0995, 23.1121

 15.8439, -21.7318,  
6.5779

168.0506,

 9.3903, -16.4331,

-71.1493, 24.4587

6.5732

183.6565,  
-74.1485, 25.8138

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.9045, -48.1860,  
15.1302

■ 72.9045, -48.1860,  
15.1302

■ 72.5955, -49.7606,  
17.1387

■ 73.3782, -45.9500,  
13.2068

■ 72.4928, -50.3066,  
17.9879


■ 74.0362, -42.9717,  
11.4073


■ 74.8967, -39.2101,  
9.7667


■ 75.9713, -34.6534,  
8.3137


■ 77.2671, -29.3150,

7.0714

 78.7873, -23.2285,  
6.0565

 80.5320, -16.4434,  
5.2798

 82.4985, -9.0197,  
4.7464

 84.6819, -1.0242,  
4.4563

# Harmonies

## Analogous

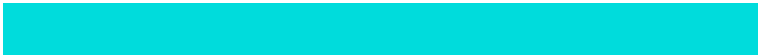
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.9059, -37.9267, 30.8941



72.9045, -48.1860, 15.1302



72.9059, -47.8695, -11.0966

# Triad

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



72.9059, -48.1865, 15.1309



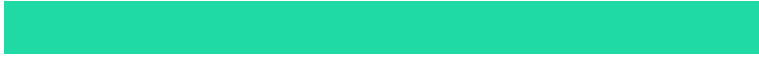
72.9059, 11.0671, -62.3520



72.9059, 36.4090, 31.5155

# Complementary

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



72.9045, -48.1860, 15.1302



40.6532, 64.9958, 13.9516

# 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.



72.9059, 53.8533, 16.3773



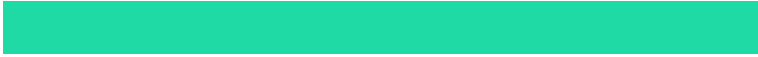
72.9045, -48.1860, 15.1302



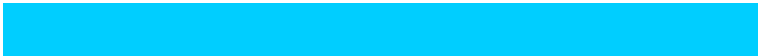
72.9059, 37.8159, -40.1075

# Square

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



72.9059, -48.1865, 15.1309



72.9059, -16.2646, -63.0809



72.9059, 54.4031, -9.2965



72.9059, 9.3607, 37.7124

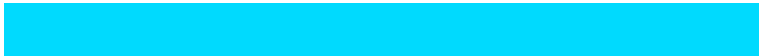


# Rectangle

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



72.9045, -48.1860, 15.1302



72.9059, -41.7723, -31.8531



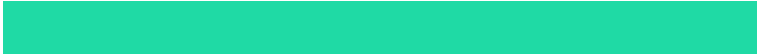
72.9059, 54.4031, -9.2965



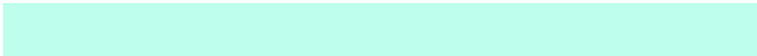
72.9059, 43.7548, 27.6180

# Sweetspot

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



72.9059, -48.1865, 15.1309



94.0046, -28.0906, 7.2821



72.3015, -54.2886, 42.5377



43.1852, -14.2104, 3.5524

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.9059, -48.1865, 15.1309



86.5606, -60.1729, 21.7029



61.8393, -22.5919, -25.8880



38.4231, -5.5496, 2.3092



56.1270, -38.8323, 13.6740



14.3366, -9.5747, 2.7494



# Inverse Universe

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



40.6532, 64.9958, 13.9516



46.6171, 80.8446, 22.2823



43.8052, 50.6964, 26.1244



36.2104, 1.7362, 1.8487



30.2538, 52.5477, 13.8353

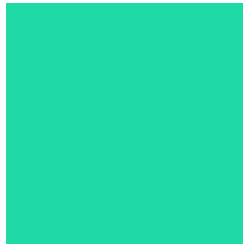


7.7949, 13.7221, 2.1446



# Previews

## White Background



This preview shows how the HunterLab color 72.9045, -48.1860, 15.1302 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

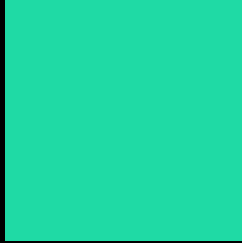
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.9045, -48.1860, 15.1302 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

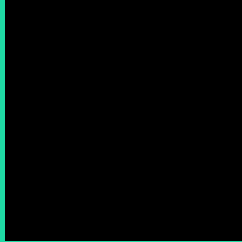
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

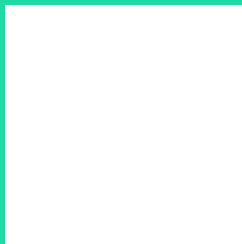
Any Text WCAG AAA ✓ Pass

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

## HunterLab 72.9045, -48.1860, 15.1302 Background



This preview shows how black text looks on a background with the HunterLab color 72.9045, -48.1860, 15.1302.



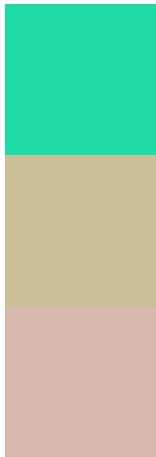
This preview shows how white text looks on a background with the HunterLab color 72.9045,

-48.1860, 15.1302.

# 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

72.9045, -48.1860, 15.1302

### Protanopia

72.2669, -5.6173, 20.0607

### Deuteranopia

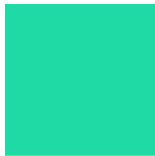
72.0128, 5.1165, 12.3294



## Tritanopia

72.8664, -30.1759, -14.7611

# Trichromacy



## Original Color

72.9045, -48.1860, 15.1302



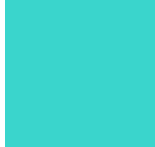
## Protanomaly

70.5571, -27.8772, 16.1844



## Deuteranomaly

69.8097, -21.6897, 10.7570



## Tritanomaly

72.6964, -37.7476, -2.4573

# Monochromacy



## Original Color

72.9045, -48.1860, 15.1302



## Achromatopsia

57.6586, -3.0765, 3.1327



## Achromatomaly

61.7438, -24.4049, 6.1216

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.9045, -48.1860, 15.1302 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(31, 218, 165)` looks like.

```
.text, #text, p{  
    color:rgb(31, 218, 165)  
}
```

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(31, 218, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 218, 165) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.9045, -48.1860, 15.1302 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(31, 218, 165) }
```



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

```
.border{ border-color:rgb(31, 218, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 218, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 218, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 218, 165);  
box-shadow:4px 4px 4px 4px rgb(31, 218,  
165) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.9045, -48.1860, 15.1302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 218, 165) }
```

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

```
.background{ background-color: rgb(31, 218,  
165) }
```

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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