

# Converting Colors

HunterLab(69.2165, -47.7840,  
18.5202)

Have a look what the booklet for  
HunterLab(69.2165, -47.7840,  
18.5202) contains.

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# Color

**HunterLab(69.2165,  
-47.7840, 18.5202)**

# Conversions

## Conversions Part 1

| Format      | Color                        |
|-------------|------------------------------|
| Hex         | 1BD192                       |
| RGB         | 27, 209, 146                 |
| RGB Percent | 11%, 82%, 57%                |
| CMY         | 0.8941, 0.1804, 0.4274       |
| CMYK        | 0.87, 0.00, 0.30, 0.18       |
| HSL         | 159°, 77%, 46%               |
| HSV         | 159°, 87%, 82%               |
| XYZ         | 28.4408, 47.9092, 34.9425    |
| YIQ         | 147.4000, -88.2490, -58.1770 |

# Conversions

## Conversions Part 2

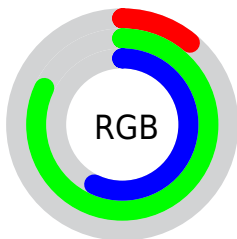
| <b>Format</b>                                      | <b>Color</b>                                  |
|--|---|
| <code>RYB</code>                                   | <code>27, 137, 209</code>                     |
| Decimal  | <code>1823122</code>                          |
| CIELab   | <code>74.77, -56.81, 19.57</code>             |
| CIELCh   | <code>75, 60.086, 160.994</code>              |
| Yxy  | <code>47.9111, 0.2556,<br/>0.4305</code>      |
| Android<br>( <code>android.graphics.Color</code> ) | <code>4280013202<br/>(0xFF1BD192)</code>      |
| YUV  | <code>147.4000, -0.6902,<br/>-105.5908</code> |
| Hunter-Lab   | <code>69.2165, -47.7840,<br/>18.5202</code>   |

# Details

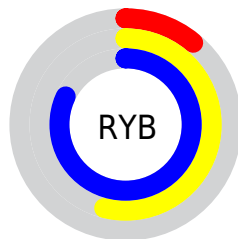
The HunterLab color **69.2165, -47.7840, 18.5202** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.8311, 63.2097, 10.2608**, and the grayscale version is **54.2072, -2.8924, 2.9452**.

A 20% lighter version of the original color is **88.8489, -50.0277, 17.4081**, and **48.5888, -35.5943, 16.1061** is the 20% darker color. If you saturate the color by 10%, you get **68.9197, -49.3311, 20.6680**, and if you desaturate by 10%, it is **69.6682, -45.6048, 16.3957**.

# Distribution



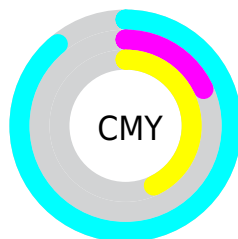
- Red (11%)
- Green (82%)
- Blue (57%)



- Red (11%)
- Yellow (54%)
- Blue (82%)



- Cyan (87%)
- Magenta (0%)
- Yellow (30%)
- Black (18%)



- Cyan (89%)
- Magenta (18%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.2165, -47.7840, 18.5202 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 69.2165, -47.7840, 18.5202 by changing the saturation by 10% instead.



■ 69.2165, -47.7840,  
18.5202

■ 69.2165, -47.7840,  
18.5202

194.5353,  
-77.4470, 32.7892

■ 58.1004, -43.9130,  
16.8562

■ 93.3124, -55.0381,  
21.7631

■ 47.6515, -39.8249,  
15.1473

■ 106.2296,  
-58.4758, 23.3564

■ 37.9170, -35.4603,  
13.3767

■ 119.6932,  
-61.8141, 24.9382

■ 28.9540, -30.7322,  
11.5181

■ 133.6820,  
-65.0678, 26.5126

■ 20.8356, -25.5078,  
9.5305

■ 148.1769,  
-68.2490, 28.0827

■ 13.6609, -21.7222,  
7.7737

163.1608,

■ 7.2660, -12.7154,

-71.3674, 29.6508

5.0862

178.6183,  
-74.4311, 31.2191

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.2165, -47.7840,  
18.5202

■ 69.2165, -47.7840,  
18.5202

■ 68.9197, -49.3311,  
20.6680

■ 69.6682, -45.6048,  
16.3957

■ 68.8467, -49.7222,  
21.2836


■ 70.2962, -42.7048,  
14.3349


■ 71.1183, -39.0439,  
12.3738


■ 72.1456, -34.6109,  
10.5436


■ 73.3851, -29.4193,

8.8708

 74.8398, -23.5026,  
7.3770

 76.5099, -16.9096,  
6.0781

 78.3927, -9.6998,  
4.9847

 80.4835, -1.9386,  
4.1025

# Harmonies

## Analogous

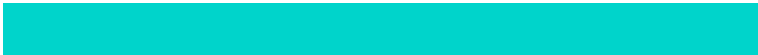
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



69.2179, -35.7339, 32.4451



69.2165, -47.7840, 18.5202



69.2179, -49.2048, -6.7844

# Triad

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



69.2179, -47.7846, 18.5208



69.2179, 6.9268, -68.1917



69.2179, 42.0572, 29.7411

# Complementary

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



69.2165, -47.7840, 18.5202



38.8311, 63.2097, 10.2608

# 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.



69.2179, 57.8251, 12.8823



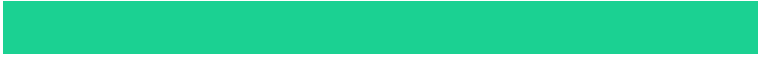
69.2165, -47.7840, 18.5202



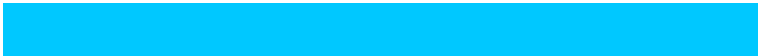
69.2179, 35.4912, -47.4250

# Square

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



69.2179, -47.7846, 18.5208



69.2179, -20.4505, -64.6988



69.2179, 55.2468, -15.1769



69.2179, 14.8190, 36.9033



# Rectangle

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



69.2165, -47.7840, 18.5202



69.2179, -44.2393, -28.3221



69.2179, 55.2468, -15.1769



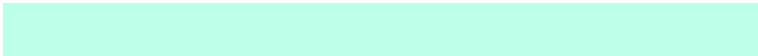
69.2179, 49.0572, 25.3771

# Sweetspot

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



69.2179, -47.7846, 18.5208



93.8773, -28.8200, 9.1029



69.2034, -50.7285, 40.8658



43.1190, -14.5916, 4.4992

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.2179, -47.7846, 18.5208



86.1974, -62.4010, 26.9666



61.7833, -25.4084, -20.2637



36.5166, -5.3571, 2.4463



54.0766, -38.9330, 16.4540



12.8441, -8.8558, 3.0632



# Inverse Universe

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



38.8311, 63.2097, 10.2608



46.8713, 81.7814, 18.5592



40.3760, 52.3636, 24.2726



34.4599, 1.7263, 1.5043



29.4380, 51.4602, 10.9078

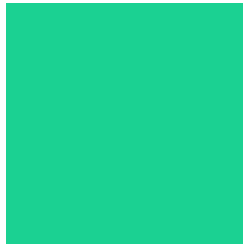


7.0665, 12.5551, 1.0512



# Previews

## White Background



This preview shows how the HunterLab color 69.2165, -47.7840, 18.5202 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

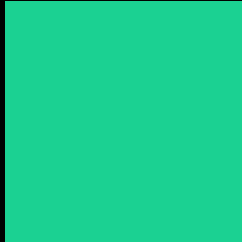
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.2165, -47.7840, 18.5202 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

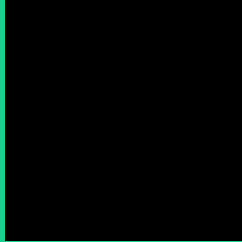
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

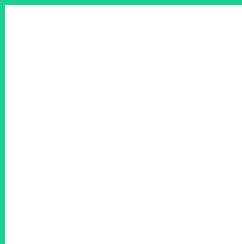
Any Text WCAG AAA ✓ Pass

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

## HunterLab 69.2165, -47.7840, 18.5202 Background



This preview shows how black text looks on a background with the HunterLab color 69.2165, -47.7840, 18.5202.



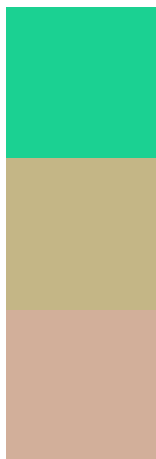
This preview shows how white text looks on a background with the HunterLab color 69.2165, -47.7840, 18.5202.

-47.7840, 18.5202.

# 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

69.2165, -47.7840, 18.5202

### Protanopia

68.4930, -5.7258, 22.5810

### Deuteranopia

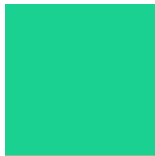
68.3335, 5.1250, 15.6706



## Tritanopia

69.0813, -28.1997, -13.6839

# Trichromacy



## Original Color

69.2165, -47.7840, 18.5202



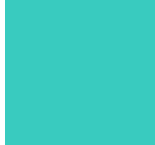
## Protanomaly

66.8470, -27.7181, 19.3790



## Deuteranomaly

66.0414, -21.8270, 14.0272



## Tritanomaly

68.8065, -36.2356, -0.7091

# Monochromacy



## Original Color

69.2165, -47.7840, 18.5202



## Achromatopsia

54.0158, -2.8821, 2.9348



## Achromatomaly

58.0858, -24.1029, 7.1942

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.2165, -47.7840, 18.5202 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(27, 209, 146)` looks like.

```
.text, #text, p{  
    color:rgb(27, 209, 146)  
}
```

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(27, 209, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(27, 209, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.2165, -47.7840, 18.5202 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(27, 209, 146) }
```



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

```
.border{ border-color:rgb(27, 209, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(27, 209, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(27, 209, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(27, 209, 146);  
box-shadow:4px 4px 4px 4px rgb(27, 209,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.2165, -47.7840, 18.5202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(27, 209, 146) }
```

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

```
.background{ background-color: rgb(27, 209,  
146) }
```

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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