

# Converting Colors

HunterLab(70.1612, -50.1266,  
21.1565)

Have a look what the booklet for  
HunterLab(70.1612, -50.1266,  
21.1565) contains.

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# Color

**HunterLab(70.0630,  
-49.9934, 20.9726)**

# Conversions

## Conversions Part 1

Format	Color
Hex	0CD48D
RGB	12, 212, 141
RGB Percent	5%, 83%, 55%
CMY	0.9529, 0.1686, 0.4470
CMYK	0.94, 0.00, 0.33, 0.17
HSL	159°, 89%, 44%
HSV	159°, 94%, 83%
XYZ	28.5028, 49.0882, 33.1721
YIQ	144.1060, -96.4090, -64.4810

# Conversions

## Conversions Part 2

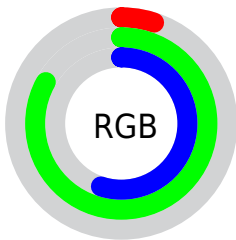
Format	Color
<a href="#">RYB</a>	<a href="#">12, 134, 212</a>
Decimal	<a href="#">840845</a>
CIELab	<a href="#">75.51, -59.75, 23.19</a>
CIELCh	<a href="#">76, 64.095, 158.785</a>
Yxy	<a href="#">49.0902, 0.2573, 0.4432</a>
Android (android.graphics.Color)	<a href="#">4279030925 (0xFF0CD48D)</a>
YUV	<a href="#">144.1060, -1.5313, -115.8570</a>
Hunter-Lab	<a href="#">70.0630, -49.9934, 20.9726</a>

# Details

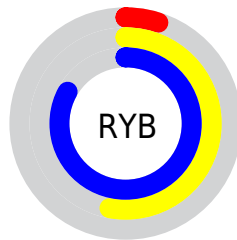
The HunterLab color **70.0630, -49.9934, 20.9726** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.5820, 65.9381, 12.3469**, and the grayscale version is **52.8896, -2.8221, 2.8736**.

A 20% lighter version of the original color is **88.6139, -51.2259, 19.1622**, and **49.5127, -37.1347, 18.2765** is the 20% darker color. If you saturate the color by 10%, you get **69.9195, -50.7726, 22.2103**, and if you desaturate by 10%, it is **70.4064, -48.2535, 18.7606**.

# Distribution



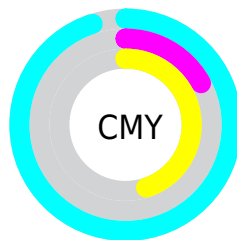
- Red (5%)
- Green (83%)
- Blue (55%)



- Red (5%)
- Yellow (53%)
- Blue (83%)



- Cyan (94%)
- Magenta (0%)
- Yellow (33%)
- Black (17%)




- Cyan (95%)
- Magenta (17%)
- Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0630, -49.9934, 20.9726 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 70.0630, -49.9934, 20.9726 by changing the saturation by 10% instead.





 70.0630, -49.9934,  
20.9726


 70.0630, -49.9934,  
20.9726


195.7287,  
-80.8750, 36.7179

 58.8991, -45.9513,  
19.0965


 94.2472, -57.5618,  
24.6009

 48.3993, -41.6807,  
17.1592


 107.2055,  
-61.1450, 26.3712


 38.6104, -37.1204,  
15.1401


 120.7086,  
-64.6224, 28.1216

 29.5881, -32.1812,  
13.0083

 134.7354,  
-68.0094, 29.8570

 21.4043, -26.7286,  
10.7163

 149.2670,  
-71.3187, 31.5815

 14.1557, -22.5897,  
8.8715

164.2864,

 7.8083, -13.6646,

-74.5606, 33.2981

5.4658

179.7783,  
-77.7436, 35.0095

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0630, -49.9934,  
20.9726

■ 70.0630, -49.9934,  
20.9726

■ 69.9195, -50.7726,  
22.2103

■ 70.4064, -48.2535,  
18.7606

■ 70.9132, -45.8303,  
16.5761

■ 71.6065, -42.6560,  
14.4593

■ 72.5014, -38.6981,  
12.4455

■ 73.6081, -33.9529,

10.5658

■ 74.9324, -28.4406,  
8.8464

■ 76.4766, -22.2007,  
7.3085

■ 78.2399, -15.2867,  
5.9676

■ 80.2189, -7.7618,  
4.8339

# Harmonies

## Analogous

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



70.0644, -36.4722, 34.6132



70.0630, -49.9934, 20.9726



70.0644, -52.3070, -5.1386

# Triad

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



70.0644, -49.9940, 20.9732



70.0644, 5.3298, -75.4649



70.0644, 47.3930, 30.3027

# Complementary

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



70.0630, -49.9934, 20.9726



38.5820, 65.9381, 12.3469

# 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.



70.0644, 63.2169, 11.7215



70.0630, -49.9934, 20.9726



70.0644, 36.3777, -54.2009

# Square

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



70.0644, -49.9940, 20.9732



70.0644, -23.5033, -69.4953



70.0644, 58.8770, -19.2107



70.0644, 18.4851, 38.1982



# Rectangle

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



70.0630, -49.9934, 20.9726



70.0644, -47.6411, -28.2619



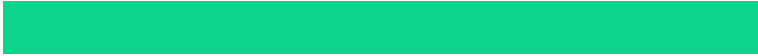
70.0644, 58.8770, -19.2107



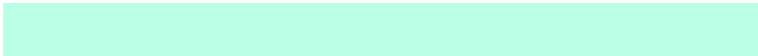
70.0644, 54.6234, 25.5042

# Sweetspot

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



70.0644, -49.9940, 20.9732



93.4637, -30.5121, 9.7303



70.0449, -52.7824, 41.9424



42.8629, -15.6482, 4.8896

0.0000, NaN, NaN

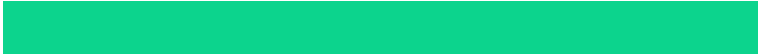


46.2646, -2.4686, 2.5136



# Same Dimension

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



70.0644, -49.9940, 20.9732



86.1494, -62.6958, 27.6629



62.9855, -26.7471, -20.2920



37.4560, -5.5192, 2.5474



54.9538, -39.7819, 17.1904



13.5535, -9.4188, 3.3919



# Inverse Universe

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



38.5820, 65.9381, 12.3469



46.9119, 81.9310, 17.9654



39.3120, 58.0407, 24.7146



35.3453, 1.7958, 1.5048



29.9572, 52.4149, 10.7350

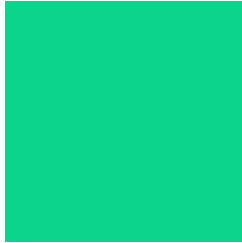


7.4619, 13.2560, 1.1221



# Previews

## White Background



This preview shows how the HunterLab color 70.0630, -49.9934, 20.9726 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

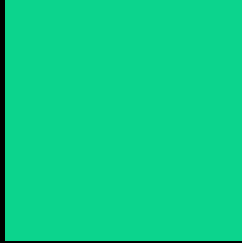
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.0630, -49.9934, 20.9726 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

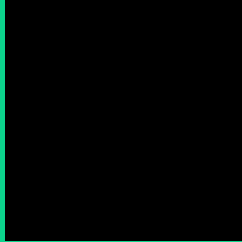
Any Text WCAG AA ✓ Pass

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 70.0630, -49.9934, 20.9726 Background



This preview shows how black text looks on a background with the HunterLab color 70.0630, -49.9934, 20.9726.



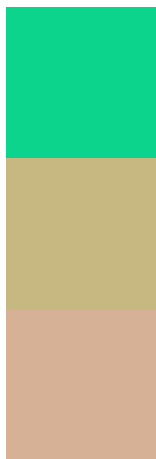
This preview shows how white text looks on a background with the HunterLab color 70.0630, -49.9934, 20.9726.

-49.9934, 20.9726.

# 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

70.0630, -49.9934, 20.9726

### Protanopia

69.2879, -6.2102, 24.8141

### Deuteranopia

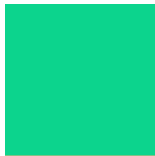
69.2173, 4.9193, 18.3818



## Tritanopia

69.8651, -28.4198, -14.3206

# Trichromacy



## Original Color

70.0630, -49.9934, 20.9726



## Protanomaly

67.1583, -30.1206, 21.2648



## Deuteranomaly

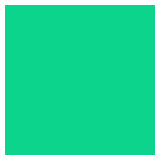
66.7570, -24.3453, 16.5568



## Tritanomaly

69.7194, -37.9287, 0.3800

# Monochromacy



## Original Color

70.0630, -49.9934, 20.9726



## Achromatopsia

52.8104, -2.8178, 2.8693



## Achromatomaly

57.3113, -25.6394, 7.9823

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0630, -49.9934, 20.9726 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(12, 212, 141)` looks like.

```
.text, #text, p{  
  color:rgb(12, 212, 141)  
}
```

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(12, 212, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 212, 141) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0630, -49.9934, 20.9726 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(12, 212, 141) }
```



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

```
.border{ border-color:rgb(12, 212, 141) }
```

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

Here you see how a box with a 4 pixel rgb(12, 212, 141) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 212, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(12, 212, 141);  
box-shadow:4px 4px 4px 4px rgb(12, 212,  
141) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0630, -49.9934, 20.9726 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 212, 141) }
```

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

```
.background{ background-color: rgb(12, 212,  
141) }
```

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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