

# Converting Colors

HunterLab(69.9506, -15.2492,  
8.9743)

Have a look what the booklet for  
HunterLab(69.9506, -15.2492,  
8.9743) contains.

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# Color

**HunterLab(70.0631,  
-15.5566, 9.0132)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A4C1AE
RGB	164, 193, 174
RGB Percent	64%, 76%, 68%
CMY	0.3569, 0.2431, 0.3176
CMYK	0.15, 0.00, 0.10, 0.24
HSL	141°, 19%, 70%
HSV	141°, 15%, 76%
XYZ	42.0197, 49.0884, 47.3047
YIQ	182.1630, -11.1850, -12.0570

# Conversions

## Conversions Part 2

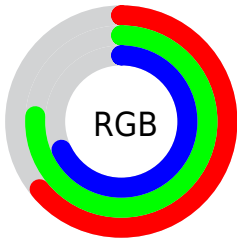
<b>Format</b>	<b>Color</b>
<b>RYB</b>	164, 186, 193
Decimal	10797486
CIELab	75.51, -13.53, 6.29
CIELCh	76, 14.920, 155.048
Yxy	49.0905, 0.3036, 0.3547
Android (android.graphics.Color)	4288987566 (0xFFA4C1AE)
YUV	182.1630, -4.0244, -15.9290
Hunter-Lab	70.0631, -15.5566, 9.0132

# Details

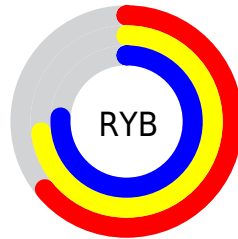
The HunterLab color **70.0631, -15.5566, 9.0132** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **64.2716, 9.2157, -1.5642**, and the grayscale version is **68.4839, -3.6541, 3.7209**.

A 20% lighter version of the original color is **94.0577, -18.0325, 10.9146**, and **48.2857, -12.6813, 6.9229** is the 20% darker color. If you saturate the color by 10%, you get **68.3521, -22.5745, 12.3324**, and if you desaturate by 10%, it is **71.9853, -7.9343, 5.6587**.

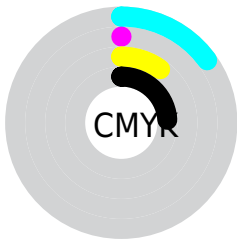
# Distribution



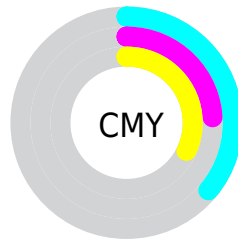
- Red (64%)
- Green (76%)
- Blue (68%)



- Red (64%)
- Yellow (73%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (10%)
- Black (24%)



- Cyan (36%)
- Magenta (24%)
- Yellow (32%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0631, -15.5566, 9.0132 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 70.0631, -15.5566, 9.0132 by changing the saturation by 10% instead.



■ 70.0631, -15.5566,  
9.0132

■ 70.0631, -15.5566,  
9.0132

195.7290,  
-27.3830, 18.1259

■ 58.8993, -14.2500,  
8.0897

■ 94.2474, -18.1584,  
10.9125

■ 48.3995, -12.9291,  
7.1798

■ 107.2057,  
-19.4585, 11.8880

■ 38.6105, -11.5865,  
6.2817

120.7089,  
-20.7619, 12.8817

■ 29.5883, -10.2085,  
5.3910

134.7356,  
-22.0706, 13.8937

■ 21.4044, -8.7733,  
4.4998

149.2672,  
-23.3861, 14.9242

■ 14.1558, -7.2416,  
3.5932

164.2867,

■ 7.8085, -7.9660,

-24.7094, 15.9731

3.7664

179.7786,  
-26.0415, 17.0404

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0631, -15.5566,  
9.0132

■ 70.0631, -15.5566,  
9.0132

■ 68.3521, -22.5745,  
12.3324

■ 71.9853, -7.9343,  
5.6587

■ 66.8525, -28.9105,  
15.5783

■ 74.1078, 0.2200,  
2.2970

■ 65.5679, -34.5016,  
18.7146

■ 76.4240, 8.8288,  
-1.0444

■ 64.4972, -39.2971,  
21.7024

■ 78.9252, 17.8201,  
-4.3439

■ 63.6361, -43.2665,

■ 80.9504, 25.1063,

24.5039

-8.4906

■ 62.9756, -46.4047,  
27.0842

■ 81.4224, 27.5141,  
-15.1299

■ 62.5020, -48.7374,  
29.4121

■ 81.6222, 28.5291,  
-17.9280

■ 62.1953, -50.3279,  
31.4617

■ 62.0819, -50.9360,  
32.3592

# Harmonies

## Analogous

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



70.0646, -11.3217, 13.5269



70.0631, -15.5566, 9.0132



70.0646, -16.6795, 2.6753

# Triad

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



70.0646, -15.5580, 9.0142



70.0646, -2.5514, -10.2106



70.0646, 7.6469, 10.7899

# Complementary

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



70.0631, -15.5566, 9.0132



64.2716, 9.2157, -1.5642

# 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.



70.0646, 10.2077, 4.9335



70.0631, -15.5566, 9.0132



70.0646, 4.1738, -7.5259

# Square

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



70.0646, -15.5580, 9.0142



70.0646, -9.3426, -8.8467



70.0646, 8.9125, -1.8185



70.0646, 2.0398, 14.4792



# Rectangle

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



70.0631, -15.5566, 9.0132



70.0646, -15.5491, -1.8394



70.0646, 8.9125, -1.8185



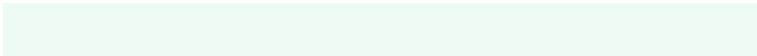
70.0646, 8.9023, 9.0320

# Sweetspot

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



70.0646, -15.5580, 9.0142



96.3208, -10.6723, 7.5958



71.3658, -11.3847, 14.5965



44.5252, -5.2891, 3.6658



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

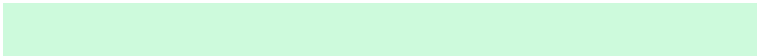


# Same Dimension

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



70.0646, -15.5580, 9.0142



92.9874, -23.9710, 13.5163



70.4788, -13.2261, 3.0922



33.6376, -5.3513, 3.3666



50.6430, -41.4554, 26.1908



10.5888, -8.2313, 4.5339



# Inverse Universe

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



64.2716, 9.2157, -1.5642



83.6014, 16.1975, -3.6158



63.8340, 6.8964, 4.6661



31.9164, 2.0028, 0.2220



29.2677, 53.6247, -8.2416



6.1860, 11.5127, -3.1269



# Previews

## White Background



This preview shows how the HunterLab color 70.0631, -15.5566, 9.0132 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

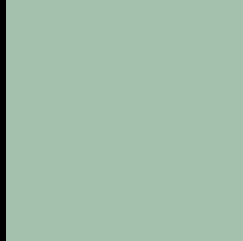
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 70.0631, -15.5566, 9.0132 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

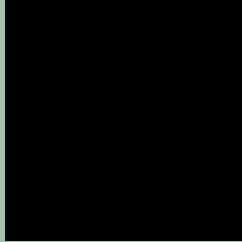
Any Text WCAG AA ✓ Pass

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 70.0631, -15.5566, 9.0132 Background



This preview shows how black text looks on a background with the HunterLab color 70.0631, -15.5566, 9.0132.



This preview shows how white text looks on a background with the HunterLab color 70.0631, -15.5566, 9.0132.

-15.5566, 9.0132.

# 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

70.0631, -15.5566, 9.0132

### Protanopia

69.9555, -3.5241, 10.8124

### Deuteranopia

69.7710, 5.2770, 7.7384



## Tritanopia

70.1355, -7.0409, -5.1990

# Trichromacy



## Original Color

70.0631, -15.5566, 9.0132

## Protanomaly

69.8941, -8.3476, 10.2395

## Deuteranomaly

69.6362, -2.7640, 7.8894

## Tritanomaly

69.9233, -10.1053, 0.1297

# Monochromacy



## Original Color

70.0631, -15.5566, 9.0132

## Achromatopsia

68.3947, -3.6494, 3.7160

## Achromatomaly

68.9104, -8.2386, 5.6242

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 70.0631, -15.5566, 9.0132 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(164, 193, 174)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 174)  
}
```

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(164, 193, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 174) }
```

## Border

The CSS property to change the border of an element to HunterLab 70.0631, -15.5566, 9.0132 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(164, 193, 174) }
```



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

```
.border{ border-color:rgb(164, 193, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 174);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
174) }
```

# Background

The CSS property to change the background color of an element to HunterLab 70.0631, -15.5566, 9.0132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 174) }
```

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

```
.background{ background-color: rgb(164,  
193, 174) }
```

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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