

# Converting Colors

HunterLab(68.4479, -17.0403,  
10.6287)

Have a look what the booklet for  
HunterLab(68.4479, -17.0403,  
10.6287) contains.

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# Color

**HunterLab(68.4465,  
-17.0389, 10.6278)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9EBEA6
RGB	158, 190, 166
RGB Percent	62%, 75%, 65%
CMY	0.3804, 0.2549, 0.3490
CMYK	0.17, 0.00, 0.13, 0.25
HSL	135°, 20%, 68%
HSV	135°, 17%, 75%
XYZ	39.3970, 46.8492, 43.0429
YIQ	177.6960, -11.3680, -14.2480

# Conversions

## Conversions Part 2

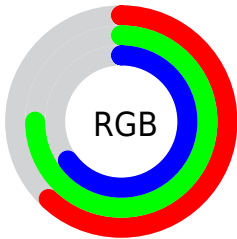
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	158, 184, 190
Decimal	10403494
CIE <sub>Lab</sub>	74.09, -15.53, 8.55
CIE <sub>LCh</sub>	74, 17.730, 151.167
Yxy	46.8512, 0.3047, 0.3624
Android (android.graphics.Color)	4288593574 (0xFF9E <sub>BEA6</sub> )
YUV	177.6960, -5.7661, -17.2734
Hunter-Lab	68.4465, -17.0389, 10.6278

# Details

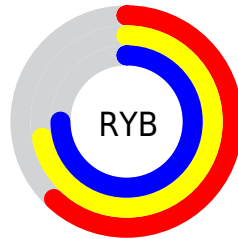
The HunterLab color **68.4465, -17.0389, 10.6278** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **62.2731, 11.1451, -3.5704**, and the grayscale version is **66.6246, -3.5549, 3.6198**.

A 20% lighter version of the original color is **92.3462, -19.6359, 12.6397**, and **47.0855, -14.4395, 8.7151** is the 20% darker color. If you saturate the color by 10%, you get **66.7657, -24.0443, 14.4350**, and if you desaturate by 10%, it is **70.3432, -9.3921, 6.6720**.

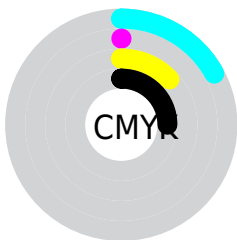
# Distribution



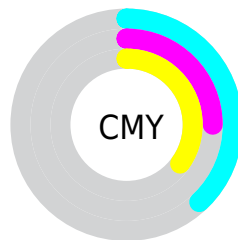
- Red (62%)
- Green (75%)
- Blue (65%)



- Red (62%)
- Yellow (72%)
- Blue (75%)



- Cyan (17%)
- Magenta (0%)
- Yellow (13%)
- Black (25%)



- Cyan (38%)
- Magenta (25%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4465, -17.0389, 10.6278 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 68.4465, -17.0389, 10.6278 by changing the saturation by 10% instead.



■ 68.4465, -17.0389,  
10.6278

■ 68.4465, -17.0389,  
10.6278

193.4478,  
-29.6416, 20.5655

■ 57.3743, -15.6204,  
9.5861

■ 92.4616, -19.8433,  
12.7416

■ 46.9720, -14.1785,  
8.5487

■ 105.3411,  
-21.2363, 13.8159

■ 37.2877, -12.7031,  
7.5111

118.7685,  
-22.6282, 14.9036

■ 28.3791, -11.1766,  
6.4651

132.7225,  
-24.0216, 16.0056

■ 20.3208, -9.5705,  
5.3968

147.1839,  
-25.4182, 17.1225

■ 13.2143, -7.8334,  
4.2799

162.1353,

■ 6.7327, -10.4124,

-26.8196, 18.2546

4.7129

177.5613,  
-28.2271, 19.4022

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4465, -17.0389,  
10.6278

■ 68.4465, -17.0389,  
10.6278

■ 66.7657, -24.0443,  
14.4350

■ 70.3432, -9.3921,  
6.6720

■ 65.3011, -30.3273,  
18.0477

■ 72.4448, -1.1810,  
2.6057

■ 64.0561, -35.8226,  
21.4232

■ 74.7445, 7.5120,  
-1.5336

■ 63.0291, -40.4793,  
24.5200

■ 77.2332, 16.6101,  
-5.7136

■ 62.2151, -44.2693,

■ 79.9008, 26.0428,

27.3011

-9.9075

■ 61.6042, -47.1925,  
29.7364

■ 80.6757, 29.5094,  
-17.1521

■ 61.1814, -49.2827,  
31.8048

■ 80.8138, 30.2077,  
-19.0841

■ 60.9224, -50.6249,  
33.4923

■ 60.8589, -50.9588,  
33.9371

# Harmonies

## Analogous

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



68.4479, -11.6948, 15.4497



68.4465, -17.0389, 10.6278



68.4479, -18.8439, 3.4170

# Triad

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



68.4479, -17.0403, 10.6287



68.4479, -3.3317, -13.1943



68.4479, 10.4932, 11.1031

# Complementary

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



68.4465, -17.0389, 10.6278



62.2731, 11.1451, -3.5704

# 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.



68.4479, 12.9840, 4.0332



68.4465, -17.0389, 10.6278



68.4479, 4.7721, -10.5271

# Square

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



68.4479, -17.0403, 10.6287



68.4479, -11.1592, -10.8991



68.4479, 10.8432, -3.9805



68.4479, 4.1853, 15.6998



# Rectangle

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



68.4465, -17.0389, 10.6278



68.4479, -17.8664, -1.9660



68.4479, 10.8432, -3.9805



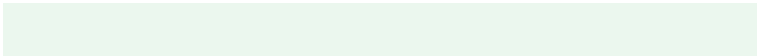
68.4479, 11.8177, 8.9673

# Sweetspot

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



68.4479, -17.0403, 10.6287



95.1695, -10.7469, 8.0260



70.2196, -11.0239, 15.7627



44.5059, -5.3962, 3.9421



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

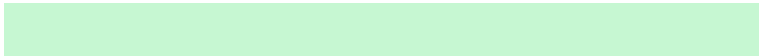


# Same Dimension

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



68.4479, -17.0403, 10.6287



91.3185, -26.3239, 16.1169



68.8865, -14.5602, 4.3486



32.6921, -5.3189, 3.5923



49.6365, -41.4846, 27.5121



9.8791, -7.8656, 4.6314



# Inverse Universe

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



62.2731, 11.1451, -3.5704



81.3439, 19.2448, -6.8180



61.7857, 8.5784, 3.3554



31.0715, 2.0691, -0.1346



29.3275, 54.7310, -15.9850

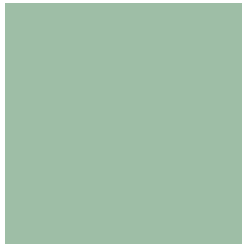


5.8889, 11.1321, -4.3114



# Previews

## White Background



This preview shows how the HunterLab color 68.4465, -17.0389, 10.6278 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 68.4465, -17.0389, 10.6278 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

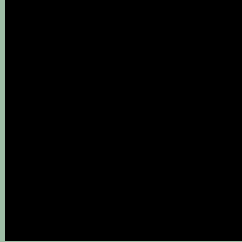
Any Text WCAG AA ✓ Pass

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 68.4465, -17.0389, 10.6278 Background



This preview shows how black text looks on a background with the HunterLab color 68.4465, -17.0389, 10.6278.



This preview shows how white text looks on a background with the HunterLab color 68.4465,

-17.0389, 10.6278.

# 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

68.4465, -17.0389, 10.6278

### Protanopia

68.2408, -3.8266, 12.6871

### Deuteranopia

68.0896, 5.0869, 9.3604



## Tritanopia

68.3817, -7.2034, -5.3681

# Trichromacy



## Original Color

68.4465, -17.0389, 10.6278

## Protanomaly

68.1104, -8.8299, 11.6517

## Deuteranomaly

67.8487, -3.2864, 9.3778

## Tritanomaly

68.4492, -10.9174, 0.7762

# Monochromacy



## Original Color

68.4465, -17.0389, 10.6278

## Achromatopsia

66.7234, -3.5602, 3.6252

## Achromatomaly

67.2085, -8.2907, 5.9420

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.4465, -17.0389, 10.6278 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(158, 190, 166)` looks like.

```
.text, #text, p{  
    color:rgb(158, 190, 166)  
}
```

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(158, 190, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(158, 190, 166) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.4465, -17.0389, 10.6278 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".

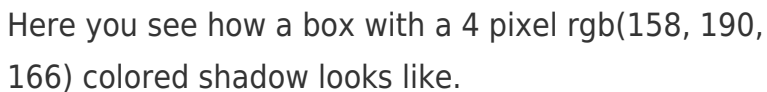
```
.border, #border, table{ border:4px solid rgb(158, 190, 166) }
```



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

```
.border{ border-color:rgb(158, 190, 166) }
```

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



Here you see how a box with a 4 pixel `rgb(158, 190, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(158, 190, 166); -webkit-box-shadow:4px 4px 4px 4px rgb(158, 190, 166); box-shadow:4px 4px 4px 4px rgb(158, 190, 166) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.4465, -17.0389, 10.6278 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(158, 190, 166) }
```

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

```
.background{ background-color: rgb(158,  
190, 166) }
```

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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