

# Converting Colors

HunterLab(90.0783, -9.6884,  
9.0300)

Have a look what the booklet for  
HunterLab(90.0783, -9.6884, 9.0300)  
contains.

<b>HunterLab(89.9818, -9.6265, 8.8108)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(89.9818, -9.6265,  
8.8108)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2EBE0
RGB	226, 235, 224
RGB Percent	89%, 92%, 88%
CMY	0.1137, 0.0784, 0.1216
CMYK	0.04, 0.00, 0.05, 0.08
HSL	109°, 22%, 90%
HSV	109°, 5%, 92%
XYZ	74.5269, 80.9672, 82.2212
YIQ	231.0550, -1.8330, -5.3290

# Conversions

## Conversions Part 2

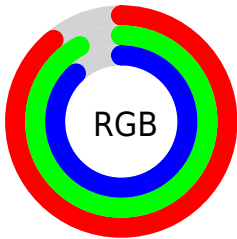
<b>Format</b>	<b>Color</b>
<b>RYB</b>	224, 235, 233
Decimal	14871520
CIELab	92.12, -4.96, 4.28
CIElCh	92, 6.554, 139.177
Yxy	80.9707, 0.3135, 0.3406
Android (android.graphics.Color)	4293061600 (0xFFE2EBE0)
YUV	231.0550, -3.4781, -4.4332
Hunter-Lab	89.9818, -9.6265, 8.8108

# Details

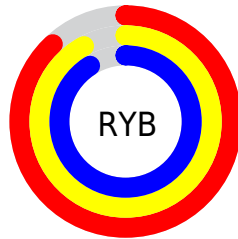
The HunterLab color  $89.9818, -9.6265, 8.8108$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $87.5416, 0.2565, 0.7121$ , and the grayscale version is  $89.4337, -4.7720, 4.8591$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $66.1534, -7.6320, 6.9880$  is the 20% darker color. If you saturate the color by 10%, you get  $87.6619, -19.2970, 16.5129$ , and if you desaturate by 10%, it is  $92.5312, 0.7164, 0.3853$ .

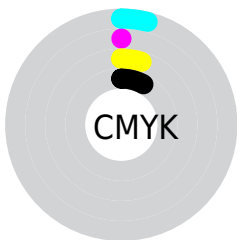
# Distribution



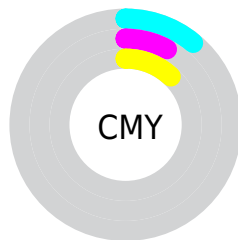
- Red (89%)
- Green (92%)
- Blue (88%)



- Red (88%)
- Yellow (92%)
- Blue (91%)



- Cyan (4%)
- Magenta (0%)
- Yellow (5%)
- Black (8%)



- Cyan (11%)
- Magenta (8%)
- Yellow (12%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 89.9818, -9.6265, 8.8108 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 89.9818, -9.6265, 8.8108 by changing the saturation by 10% instead.



■ 89.9818, -9.6265,  
8.8108

■ 89.9818, -9.6265,  
8.8108

223.2035,  
-18.4813, 17.5039

■ 77.7930, -8.7440,  
7.9544

116.0731,  
-11.4579, 10.5944

■ 66.2087, -7.8794,  
7.1190

129.9246,  
-12.4027, 11.5184

■ 55.2644, -7.0341,  
6.3057

144.2872,  
-13.3673, 12.4639

■ 45.0000, -6.2073,  
5.5142

159.1431,  
-14.3516, 13.4307

■ 35.4639, -5.3975,  
4.7433

174.4765,  
-15.3554, 14.4185

■ 26.7167, -4.6015,  
3.9908

190.2730,

■ 18.8373, -3.8138,

-16.3784, 15.4268

3.2520

206.5194,  
-17.4205, 16.4554

■ 11.9345, -3.0228,  
2.5171

■ 4.8430, -4.7211,  
3.3901

■ 89.9818, -9.6265,  
8.8108

■ 89.9818, -9.6265,  
8.8108

■ 87.6619, -19.2970,  
16.5129

■ 92.5312, 0.7164,  
0.3853

■ 85.5731, -28.2005,  
23.4164

■ 93.7549, 5.3759,  
-1.9639

■ 83.7231, -36.2547,  
29.4594

■ 82.1151, -43.3841,  
34.5909

■ 80.7497, -49.5282,  
38.7785

■ 79.6238, -54.6476,  
42.0137

■ 78.7306, -58.7299,  
44.3181

■ 78.0585, -61.7955,  
45.7499

■ 77.5904, -63.9046,  
46.4140

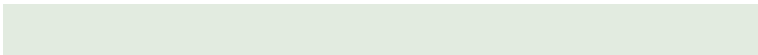
# Harmonies

## Analogous

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



89.9837, -6.9122, 10.4951



89.9818, -9.6265, 8.8108



89.9837, -11.0456, 6.0410

# Triad

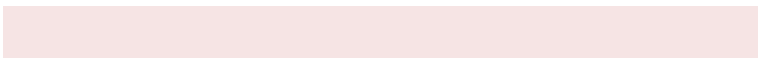
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.9837, -9.6286, 8.8122



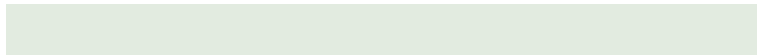
89.9837, -6.0124, -1.3303



89.9837, 1.3586, 6.8876

# Complementary

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



89.9818, -9.6265, 8.8108



87.5416, 0.2565, 0.7121

# 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.



89.9837, 1.6081, 3.7399



89.9818, -9.6265, 8.8108



89.9837, -2.6805, -1.0834

# Square

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



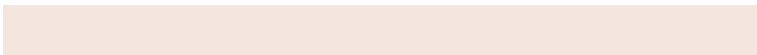
89.9837, -9.6286, 8.8122



89.9837, -8.9782, 0.1370



89.9837, 0.1201, 0.7998



89.9837, -0.5567, 9.4124

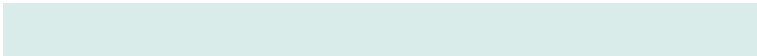


# Rectangle

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



89.9818, -9.6265, 8.8108



89.9837, -11.0768, 3.9154



89.9837, 0.1201, 0.7998



89.9837, 1.6411, 5.8698

# Sweetspot

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



89.9837, -9.6286, 8.8122



99.7212, -6.4704, 6.3559



90.1754, -5.6783, 9.0982



46.1420, -2.9676, 2.9195

0.0000, NaN, NaN

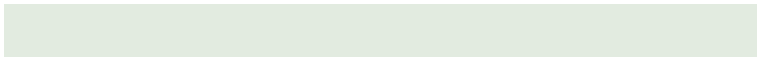


46.2646, -2.4686, 2.5136



# Same Dimension

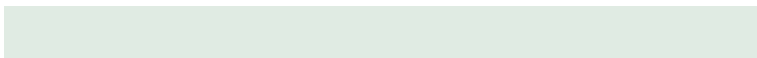
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.9837, -9.6286, 8.8122



98.3646, -12.0347, 10.8516



89.9112, -9.6723, 7.0786



41.5344, -5.3652, 4.8106



57.7840, -48.1186, 34.7638



16.3078, -12.9942, 9.8213



# Inverse Universe

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



87.5416, 0.2565, 0.7121



94.9211, 1.9045, -0.5710



87.6209, 0.3004, 2.5787



39.9344, 1.1120, -0.4974



31.0606, 63.9395, -63.2399

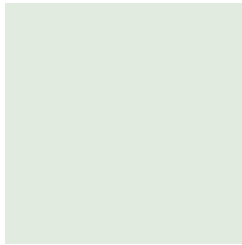


8.9083, 18.1981, -17.0534



# Previews

## White Background



This preview shows how the HunterLab color 89.9818, -9.6265, 8.8108 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

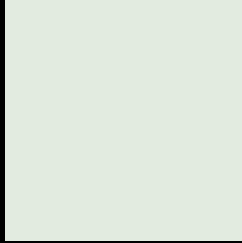
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 89.9818, -9.6265, 8.8108 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

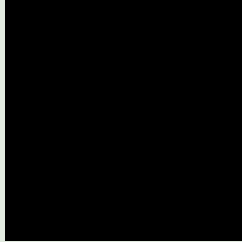
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

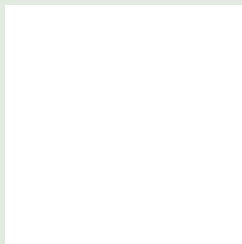
Any Text WCAG AAA ✓ Pass

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

## HunterLab 89.9818, -9.6265, 8.8108 Background



This preview shows how black text looks on a background with the HunterLab color 89.9818, -9.6265, 8.8108.



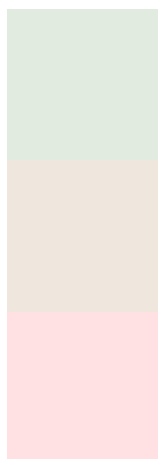
This preview shows how white text looks on a background with the HunterLab color 89.9818, -9.6265,

8.8108.

# 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

89.9818, -9.6265, 8.8108

### Protanopia

89.8757, -3.6450, 9.7279

### Deuteranopia

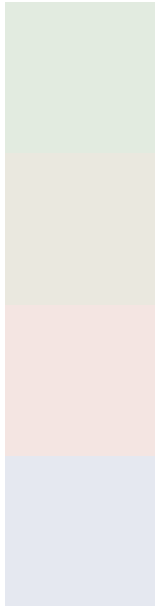
89.8090, 5.8739, 7.4655



## Tritanopia

89.8968, -1.8304, -3.7471

# Trichromacy



## Original Color

89.9818, -9.6265, 8.8108

## Protanomaly

89.7404, -5.6623, 9.0748

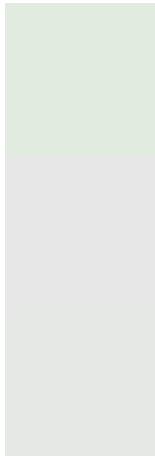
## Deuteranomaly

89.8681, -0.2465, 7.9023

## Tritanomaly

89.8123, -4.3387, 0.8441

# Monochromacy



## Original Color

89.9818, -9.6265, 8.8108

## Achromatopsia

89.3925, -4.7698, 4.8569

## Achromatomaly

89.4274, -6.4497, 6.3288

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 89.9818, -9.6265, 8.8108 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(226, 235, 224)` looks like.

```
.text, #text, p{  
    color:rgb(226, 235, 224)  
}
```

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(226, 235, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 235, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 89.9818, -9.6265, 8.8108 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(226, 235, 224) }
```



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

```
.border{ border-color:rgb(226, 235, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 235, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 235, 224); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 235, 224); box-shadow:4px 4px 4px 4px rgb(226, 235, 224) }
```

# Background

The CSS property to change the background color of an element to HunterLab 89.9818, -9.6265, 8.8108 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 235, 224) }
```

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

```
.background{ background-color: rgb(226,  
235, 224) }
```

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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