

# Converting Colors

HunterLab(88.7362, -4.7417,  
4.8182)

Have a look what the booklet for  
HunterLab(88.7362, -4.7417, 4.8182)  
contains.

|  |    |
|--|----|
| <b>HunterLab(88.8621, -5.0693, 4.7182)</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> .....                     | 23 |
| <b><i>Color Blindness Simulation</i></b> .....   | 27 |
| <b><i>CSS Examples</i></b> .....                 | 30 |

# Color

**HunterLab(88.8621, -5.0693,  
4.7182)**

# Conversions

## Conversions Part 1

| Format      | Color                      |
|-------------|----------------------------|
| Hex         | E5E6E6                     |
| RGB         | 229, 230, 230              |
| RGB Percent | 90%, 90%, 90%              |
| CMY         | 0.1020, 0.0980, 0.0980     |
| CMYK        | 0.00, 0.00, 0.00, 0.10     |
| HSL         | 180°, 2%, 90%              |
| HSV         | 180°, 0%, 90%              |
| XYZ         | 74.8928, 78.9647, 86.1572  |
| YIQ         | 229.7010, -0.5960, -0.2120 |

# Conversions

## Conversions Part 2

| <b>Format</b>                       | <b>Color</b>                 |
|-------------------------------------|------------------------------|
| R <sub>YB</sub>                     | 229, 230, 230                |
| Decimal                             | 15066854                     |
| CIE Lab                             | 91.22, -0.33, -0.13          |
| CIE LCh                             | 91, 0.355, 200.778           |
| Yxy                                 | 78.9681, 0.3120,<br>0.3290   |
| Android<br>(android.graphics.Color) | 4293256934<br>(0xFFE5E6E6)   |
| YUV                                 | 229.7010, 0.1474,<br>-0.6148 |
| Hunter-Lab                          | 88.8621, -5.0693,<br>4.7182  |

# Details

The HunterLab color  $88.8621, -5.0693, 4.7182$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $88.6119, -4.3974, 4.9233$ , and the grayscale version is  $88.8254, -4.7395, 4.8261$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $65.3864, -3.8002, 3.4482$  is the 20% darker color. If you saturate the color by 10%, you get  $86.8486, -12.1779, 2.2393$ , and if you desaturate by 10%, it is  $91.1102, 2.6578, 7.4274$ .

# Distribution



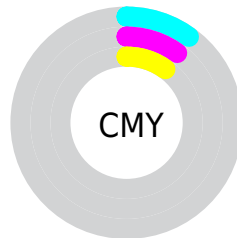
- Red (90%)
- Green (90%)
- Blue (90%)



- Red (90%)
- Yellow (90%)
- Blue (90%)



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



- Cyan (10%)
- Magenta (10%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.8621, -5.0693, 4.7182 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 88.8621, -5.0693, 4.7182 by changing the saturation by 10% instead.



■ 88.8621, -5.0693,  
4.7182

■ 88.8621, -5.0693,  
4.7182

221.6864,  
-12.2815, 11.9077

■ 76.7265, -4.4075,  
4.0645

114.8538, -6.4886,  
6.1238

■ 65.1983, -3.7754,  
3.4429

128.6585, -7.2396,  
6.8703

■ 54.3133, -3.1767,  
2.8567

142.9758, -8.0174,  
7.6449

■ 44.1123, -2.6133,  
2.3081

157.7881, -8.8213,  
8.4466

■ 34.6444, -2.0877,  
1.7999

173.0792, -9.6504,  
9.2745

■ 25.9717, -1.6027,  
1.3357

188.8346,

■ 18.1750, -1.1620,

-10.5039, 10.1278

0.9200

205.0411,  
-11.3811, 11.0057

■ 11.3669, -0.7705,  
0.5594

■ 3.6749, -0.5904,  
0.0578

■ 88.8621, -5.0693,  
4.7182

■ 88.8621, -5.0693,  
4.7182

■ 86.8486, -12.1779,  
2.2393

■ 91.1102, 2.6578,  
7.4274

■ 85.0689, -18.5981,  
0.0081

■ 91.4221, 3.7206,  
7.7616

■ 83.5274, -24.2755,  
-1.9554

■ 91.4248, 3.7354,  
7.7220

■ 82.2241, -29.1659,  
-3.6366

■ 91.4276, 3.7503,  
7.6825

81.1554, -33.2406,  
-5.0266

91.4304, 3.7652,  
7.6429

80.3142, -36.4913,  
-6.1235

91.4331, 3.7801,  
7.6034

79.6890, -38.9334,  
-6.9337

91.4359, 3.7951,  
7.5638

79.2637, -40.6093,  
-7.4728

91.4387, 3.8100,  
7.5241

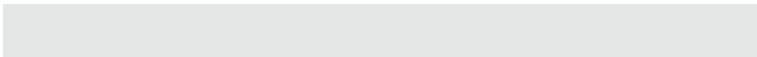
79.0159, -41.5933,  
-7.7678

91.4415, 3.8249,  
7.4845

# Harmonies

## Analogous

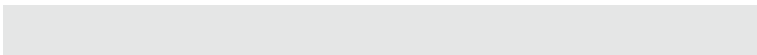
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.8640, -5.0895, 4.8901



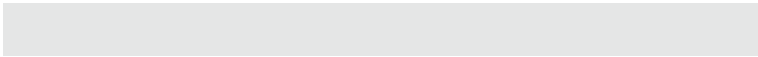
88.8621, -5.0693, 4.7182



88.8640, -4.9662, 4.5803

# Triad

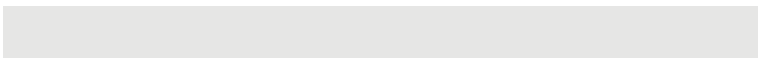
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.8640, -5.0714, 4.7196



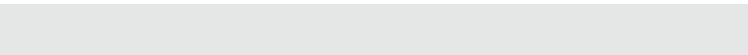
88.8640, -4.4766, 4.6276



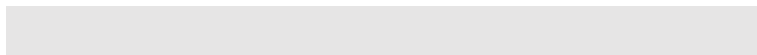
88.8640, -4.6906, 5.1632

# Complementary

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



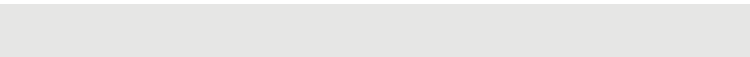
88.8621, -5.0693, 4.7182



88.6119, -4.3974, 4.9233

# 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.



88.8640, -4.5262, 5.0931



88.8621, -5.0693, 4.7182



88.8640, -4.4026, 4.7841

# Square

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



88.8640, -5.0714, 4.7196



88.8640, -4.6229, 4.5271



88.8640, -4.4208, 4.9544



88.8640, -4.8697, 5.1460



# Rectangle

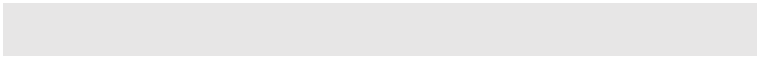
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.8621, -5.0693, 4.7182



88.8640, -4.8608, 4.5240



88.8640, -4.4208, 4.9544



88.8640, -4.6317, 5.1490

# Sweetspot

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



88.8640, -5.0714, 4.7196

100.0000, -5.3358, 5.4332



88.8340, -5.2388, 5.1713



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

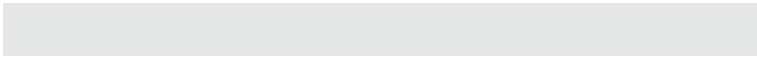
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8640, -5.0714, 4.7196



99.7592, -6.1751, 5.1397



88.7123, -4.8187, 4.5432



41.2156, -2.5302, 2.1304



59.3688, -31.6277, -5.9308

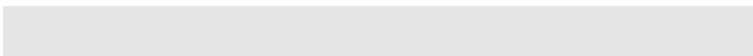


16.1398, -8.5918, -1.6261



# Inverse Universe

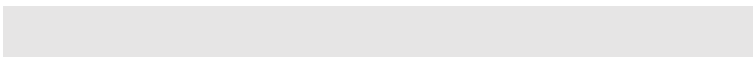
The Inverse Universe completely reimagines the original color for something new.



88.6119, -4.3974, 4.9233



99.1066, -4.4303, 5.6670



88.7634, -4.6503, 5.0988



40.9622, -1.8526, 2.3352



30.8638, 52.8602, 19.9051



8.3919, 14.3766, 5.3823



# Previews

## White Background



This preview shows how the HunterLab color 88.8621, -5.0693, 4.7182 looks on a white background.

## Color Contrast Check

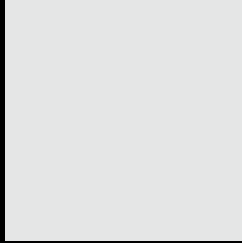
Large Text (above 18pt) WCAG AA × Fail

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 88.8621, -5.0693, 4.7182 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

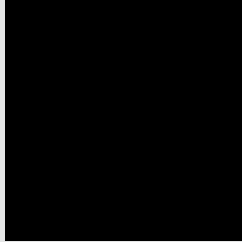
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

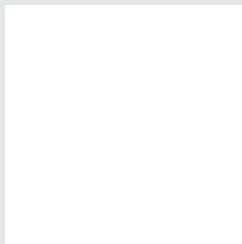
If you want to check with other color combinations, try the [Color Contrast Checker](#).



# HunterLab 88.8621, -5.0693, 4.7182 Background



This preview shows how black text looks on a background with the HunterLab color 88.8621, -5.0693, 4.7182.



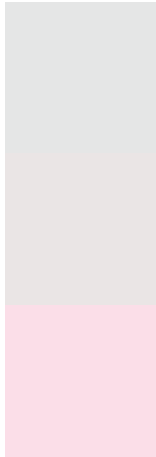
This preview shows how white text looks on a background with the HunterLab color 88.8621, -5.0693,

4.7182.

# 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

88.8621, -5.0693, 4.7182

### Protanopia

88.9877, -3.0923, 5.3898

### Deuteranopia

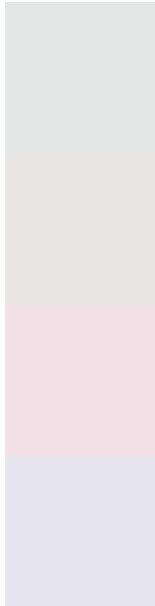
88.6442, 6.9133, 3.6803



## Tritanopia

88.9548, -0.4917, -3.3080

# Trichromacy



## Original Color

88.8621, -5.0693, 4.7182

## Protanomaly

88.7984, -3.7481, 5.1564

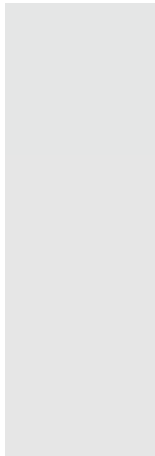
## Deuteranomaly

88.6987, 2.3730, 4.1622

## Tritanomaly

88.9679, -2.4482, -0.1596

# Monochromacy



## Original Color

88.8621, -5.0693, 4.7182

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

88.9549, -4.7464, 4.8331

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.8621, -5.0693, 4.7182 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(229, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(229, 230, 230)  
}
```

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(229, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 230, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.8621, -5.0693, 4.7182 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(229, 230, 230) }
```

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

```
.border{ border-color:rgb(229, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(229, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(229, 230,  
230) }
```



# Background

The CSS property to change the background color of an element to HunterLab 88.8621, -5.0693, 4.7182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 230, 230) }
```

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

```
.background{ background-color: rgb(229,  
230, 230) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor