

# Converting Colors

HunterLab(87.5208, -5.1241,  
4.6861)

Have a look what the booklet for  
HunterLab(87.5208, -5.1241, 4.6861)  
contains.

<b>HunterLab(87.5517, -4.9986, 4.6472)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	23
<i><b>Color Blindness Simulation</b></i> .....	27
<i><b>CSS Examples</b></i> .....	30

# Color

**HunterLab(87.5517, -4.9986,  
4.6472)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2E3E3
RGB	226, 227, 227
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1098, 0.1098
CMYK	0.00, 0.00, 0.00, 0.11
HSL	180°, 2%, 89%
HSV	180°, 0%, 89%
XYZ	72.6983, 76.6530, 83.6370
YIQ	226.7010, -0.5960, -0.2120

# Conversions

## Conversions Part 2

Format	Color
R <sub>Y</sub> B	226, 227, 227
Decimal	14869475
CIE Lab	90.16, -0.33, -0.13
CIE LCh	90, 0.356, 200.771
Yxy	76.6563, 0.3120, 0.3290
Android (android.graphics.Color)	4293059555 (0xFFE2E3E3)
YUV	226.7010, 0.1474, -0.6148
Hunter-Lab	87.5517, -4.9986, 4.6472

# Details

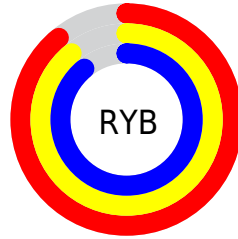
The HunterLab color  $87.5517, -4.9986, 4.6472$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $87.3021, -4.3283, 4.8520$ , and the grayscale version is  $87.5150, -4.6696, 4.7549$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.1417, -3.7328, 3.3809$  is the 20% darker color. If you saturate the color by 10%, you get  $85.5695, -11.9964, 2.2049$ , and if you desaturate by 10%, it is  $89.7647, 2.6077, 7.3160$ .

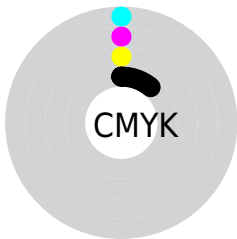
# Distribution



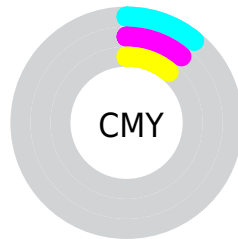
- Red (89%)
- Green (89%)
- Blue (89%)



- Red (89%)
- Yellow (89%)
- Blue (89%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.5517, -4.9986, 4.6472 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 87.5517, -4.9986, 4.6472 by changing the saturation by 10% instead.



■ 87.5517, -4.9986,  
4.6472

■ 87.5517, -4.9986,  
4.6472

219.9071,  
-12.1865, 11.8109

■ 75.4790, -4.3400,  
3.9970

113.4258, -6.4118,  
6.0463

■ 64.0170, -3.7113,  
3.3790

127.1752, -7.1599,  
6.7898

■ 53.2023, -3.1162,  
2.7967

141.4393, -7.9350,  
7.5615

■ 43.0762, -2.5567,  
2.2522

156.2000, -8.7362,  
8.3603

■ 33.6892, -2.0351,  
1.7485

171.4412, -9.5627,  
9.1854

■ 25.1048, -1.5545,  
1.2892

187.1482,

■ 17.4066, -1.1187,

-10.4137, 10.0361

0.8790

203.3076,  
-11.2885, 10.9115

■ 10.7115, -0.7327,  
0.5248

■ 1.3441, -1.1522,  
-0.3167

■ 87.5517, -4.9986,  
4.6472

■ 87.5517, -4.9986,  
4.6472

■ 85.5695, -11.9964,  
2.2049

■ 89.7647, 2.6077,  
7.3160

■ 83.8173, -18.3168,  
0.0062

■ 90.4194, 4.8282,  
8.0660

■ 82.2996, -23.9066,  
-1.9293

■ 90.4220, 4.8422,  
8.0289

■ 81.0161, -28.7220,  
-3.5870

■ 90.4246, 4.8561,  
7.9919

79.9634, -32.7351,  
-4.9584

90.4272, 4.8700,  
7.9548

79.1346, -35.9375,  
-6.0414

90.4298, 4.8839,  
7.9177

78.5184, -38.3443,  
-6.8422

90.4324, 4.8979,  
7.8806

78.0988, -39.9971,  
-7.3764

90.4350, 4.9118,  
7.8435

77.8540, -40.9688,  
-7.6701

90.4376, 4.9258,  
7.8063

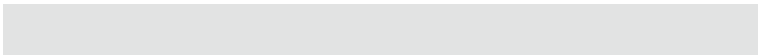
# Harmonies

## Analogous

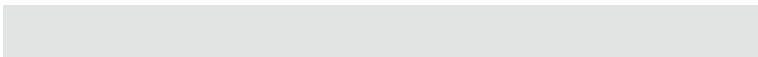
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.5536, -5.0187, 4.8187



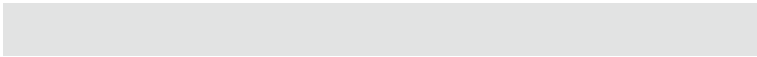
87.5517, -4.9986, 4.6472



87.5536, -4.8957, 4.5096

# Triad

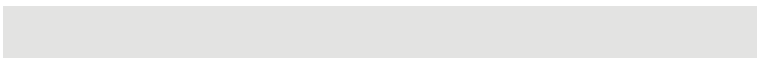
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.5536, -5.0006, 4.6486



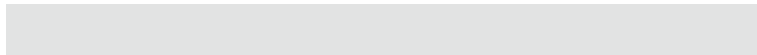
87.5536, -4.4073, 4.5567



87.5536, -4.6207, 5.0911

# Complementary

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



87.5517, -4.9986, 4.6472



87.3021, -4.3283, 4.8520

# 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.



87.5536, -4.4567, 5.0212



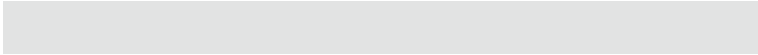
87.5517, -4.9986, 4.6472



87.5536, -4.3335, 4.7128

# Square

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



87.5536, -5.0006, 4.6486



87.5536, -4.5532, 4.4565



87.5536, -4.3515, 4.8828

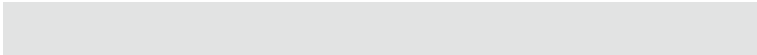


87.5536, -4.7994, 5.0739

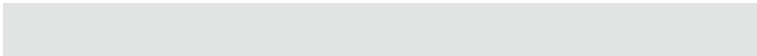


# Rectangle

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



87.5517, -4.9986, 4.6472



87.5536, -4.7906, 4.4534



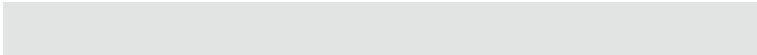
87.5536, -4.3515, 4.8828



87.5536, -4.5620, 5.0770

# Sweetspot

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



87.5536, -5.0006, 4.6486

100.0000, -5.3358, 5.4332



87.5237, -5.1678, 5.0993



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

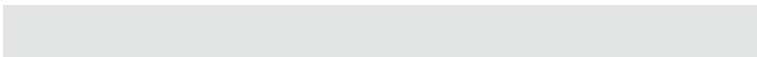
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.5536, -5.0006, 4.6486



99.7592, -6.1750, 5.1395



87.4022, -4.7486, 4.4726



41.2156, -2.5302, 2.1303



59.3699, -31.6214, -5.9457



16.1400, -8.5903, -1.6296



# Inverse Universe

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



87.3021, -4.3283, 4.8520



99.1066, -4.4304, 5.6672



87.4532, -4.5806, 5.0269



40.9622, -1.8526, 2.3353



30.8637, 52.8598, 19.9067

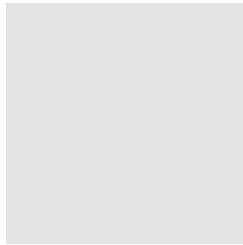


8.3918, 14.3762, 5.3841



# Previews

## White Background



This preview shows how the HunterLab color 87.5517, -4.9986, 4.6472 looks on a white background.

## Color Contrast Check

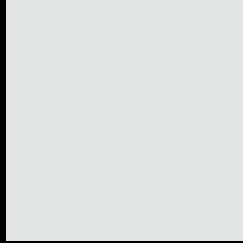
Large Text (above 18pt) WCAG AA × Fail

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 87.5517, -4.9986, 4.6472 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

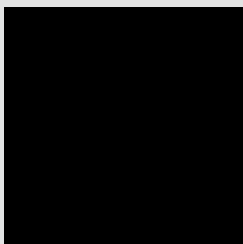
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

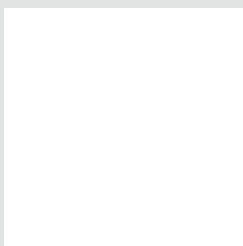
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 87.5517, -4.9986, 4.6472 Background



This preview shows how black text looks on a background with the HunterLab color 87.5517, -4.9986, 4.6472.



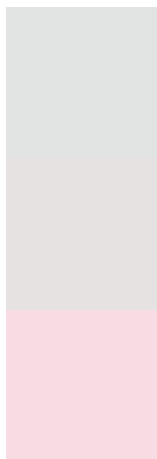
This preview shows how white text looks on a background with the HunterLab color 87.5517, -4.9986,

4.6472.

# 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

87.5517, -4.9986, 4.6472

### Protanopia

87.6770, -3.0263, 5.3173

### Deuteranopia

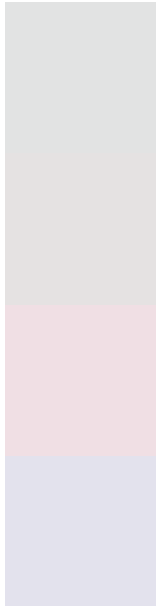
87.6038, 6.2527, 4.4145



## Tritanopia

87.6101, -0.6175, -2.8758

# Trichromacy



## Original Color

87.5517, -4.9986, 4.6472

## Protanomaly

87.4881, -3.6806, 5.0844

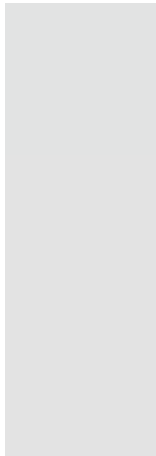
## Deuteranomaly

87.6938, 1.8976, 4.4446

## Tritanomaly

87.6573, -2.3834, -0.2201

# Monochromacy



## Original Color

87.5517, -4.9986, 4.6472

## Achromatopsia

87.6442, -4.6765, 4.7619

## Achromatomaly

87.6442, -4.6765, 4.7619

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.5517, -4.9986, 4.6472 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, 227, 227)` looks like.

```
.text, #text, p{  
    color:rgb(226, 227, 227)  
}
```

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, 227, 227) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 227, 227) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.5517, -4.9986, 4.6472 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, 227, 227) }
```

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

```
.border{ border-color:rgb(226, 227, 227) }
```

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

Here you see how a box with a 4 pixel rgb(226, 227, 227) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 227, 227); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 227, 227);  
box-shadow:4px 4px 4px 4px rgb(226, 227,  
227) }
```



# Background

The CSS property to change the background color of an element to HunterLab 87.5517, -4.9986, 4.6472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 227, 227) }
```

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

```
.background{ background-color: rgb(226,  
227, 227) }
```

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