

# Converting Colors

HunterLab(87.0711, -4.5170,  
5.4947)

Have a look what the booklet for  
HunterLab(87.0711, -4.5170, 5.4947)  
contains.

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# Color

**HunterLab(87.2384, -4.6727,  
5.7458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E2E0
RGB	227, 226, 224
RGB Percent	89%, 89%, 88%
CMY	0.1098, 0.1137, 0.1216
CMYK	0.00, 0.00, 0.01, 0.11
HSL	40°, 5%, 88%
HSV	40°, 1%, 89%
XYZ	72.3294, 76.1054, 81.3986
YIQ	226.0710, 1.2380, -0.4100

# Conversions

## Conversions Part 2

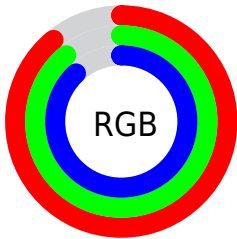
Format	Color
R <sub>Y</sub> B	226, 227, 224
Decimal	14934752
CIE Lab	89.91, -0.02, 1.09
CIE LCh	90, 1.086, 90.824
Yxy	76.1087, 0.3147, 0.3311
Android (android.graphics.Color)	4293124832 (0xFFE3E2E0)
YUV	226.0710, -1.0210, 0.8147
Hunter-Lab	87.2384, -4.6727, 5.7458

# Details

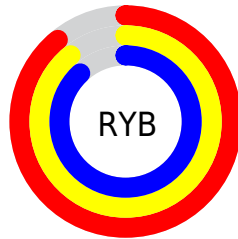
The HunterLab color  $87.2384, -4.6727, 5.7458$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $86.7426, -4.6025, 3.6959$ , and the grayscale version is  $87.2446, -4.6552, 4.7402$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.8444, -3.4227, 4.4222$  is the 20% darker color. If you saturate the color by 10%, you get  $84.2309, -4.4653, 12.7972$ , and if you desaturate by 10%, it is  $90.3403, -4.5427, -2.0053$ .

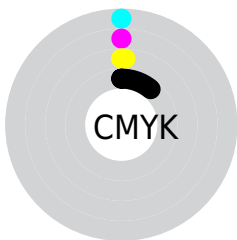
# Distribution



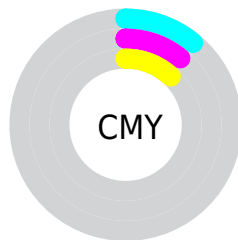
- Red (89%)
- Green (89%)
- Blue (88%)



- Red (89%)
- Yellow (89%)
- Blue (88%)



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (11%)



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

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.2384, -4.6727, 5.7458 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 87.2384, -4.6727, 5.7458 by changing the saturation by 10% instead.



■ 87.2384, -4.6727,  
5.7458

■ 87.2384, -4.6727,  
5.7458

219.4811,  
-11.7434, 13.3086

■ 75.1809, -4.0299,  
5.0419

113.0843, -6.0565,  
7.2452

■ 63.7348, -3.4178,  
4.3673

126.8204, -6.7908,  
8.0357

■ 52.9370, -2.8403,  
3.7248

141.0716, -7.5526,  
8.8528

■ 42.8290, -2.2995,  
3.1161

155.8199, -8.3409,  
9.6954

■ 33.4614, -1.7982,  
2.5430

171.0492, -9.1549,  
10.5630

■ 24.8984, -1.3398,  
2.0076

186.7446, -9.9938,

■ 17.2239, -0.9288,

11.4549

1.5122

202.8927,  
-10.8568, 12.3702

■ 10.5562, -0.5713,  
1.0594

0.0000, NaN, NaN

■ 87.2384, -4.6727,  
5.7458

■ 87.2384, -4.6727,  
5.7458

■ 84.2309, -4.4653,  
12.7972

■ 90.3403, -4.5427,  
-2.0053

■ 81.3166, -3.8960,  
19.0971

■ 93.0102, -6.9181,  
-3.1171

■ 78.5024, -2.9501,  
24.5994

■ 95.4285, -10.8375,  
-0.1673

■ 75.7927, -1.6129,  
29.2592

■ 97.5044, -14.1292,  
2.3058

■ 73.1922, 0.1264,  
33.0369

■ 70.7048, 2.2731,  
35.9020

■ 68.3339, 4.8249,  
37.8391

■ 66.0814, 7.7686,  
38.8558

■ 63.9473, 11.0757,  
38.9972

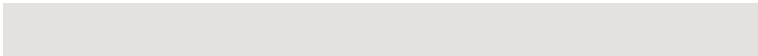
# Harmonies

## Analogous

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



87.2403, -4.1442, 5.6213



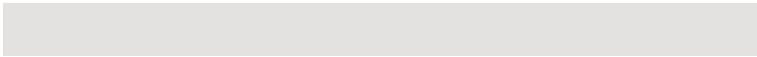
87.2384, -4.6727, 5.7458



87.2403, -5.2000, 5.6070

# Triad

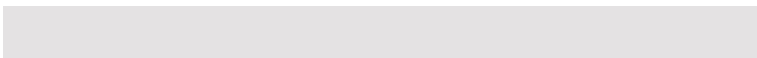
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2403, -4.6748, 5.7472



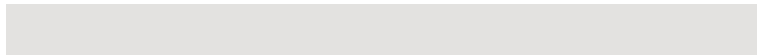
87.2403, -5.5646, 4.2324



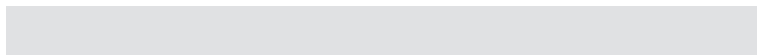
87.2403, -3.7357, 4.2576

# Complementary

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




87.2384, -4.6727, 5.7458



86.7426, -4.6025, 3.6959

# 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.



87.2403, -4.1178, 3.8817



87.2384, -4.6727, 5.7458



87.2403, -5.1738, 3.8671

# Square

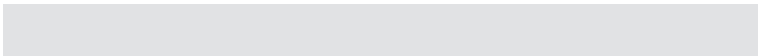
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.2403, -4.6748, 5.7472



87.2403, -5.7130, 4.7343



87.2403, -4.6444, 3.7383

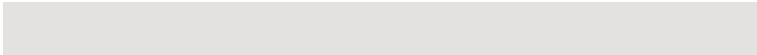


87.2403, -3.6012, 4.7632



# Rectangle

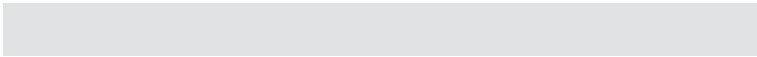
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



87.2384, -4.6727, 5.7458



87.2403, -5.4767, 5.3809



87.2403, -4.6444, 3.7383



87.2403, -3.8395, 4.1118

# Sweetspot

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



87.2403, -4.6748, 5.7472

100.0000, -5.3358, 5.4332



86.6485, -3.4641, 4.5884



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



87.2403, -4.6748, 5.7472



99.2976, -5.3300, 7.1398



87.5047, -5.3520, 6.0431



41.0364, -2.2021, 2.9076



47.7213, 10.3717, 29.5872

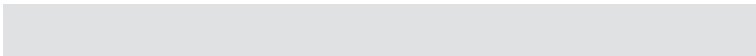


13.6076, 1.6241, 8.4134



# Inverse Universe

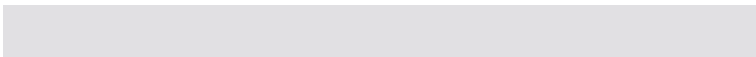
The Inverse Universe completely reimagines the original color for something new.



86.7426, -4.6025, 3.6959



98.4333, -5.2045, 3.5773



86.4788, -3.9257, 3.3936



40.7007, -2.1534, 1.5239



25.2784, 24.0033, -83.4121

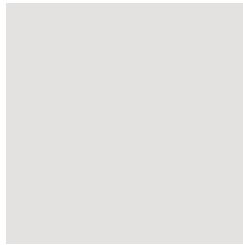


7.9866, 3.8355, -18.2623



# Previews

## White Background



This preview shows how the HunterLab color 87.2384, -4.6727, 5.7458 looks on a white background.

## Color Contrast Check

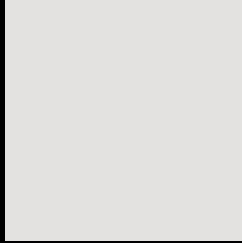
Large Text (above 18pt) WCAG AA × Fail

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 87.2384, -4.6727, 5.7458 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

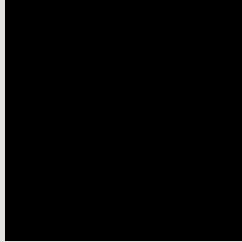
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

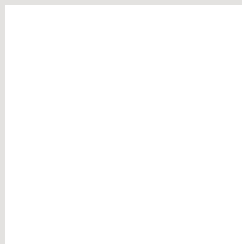
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 87.2384, -4.6727, 5.7458 Background



This preview shows how black text looks on a background with the HunterLab color 87.2384, -4.6727, 5.7458.



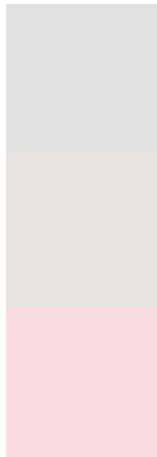
This preview shows how white text looks on a background with the HunterLab color 87.2384, -4.6727,

5.7458.

# 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

87.2384, -4.6727, 5.7458

### Protanopia

87.2737, -3.0150, 6.2976

### Deuteranopia

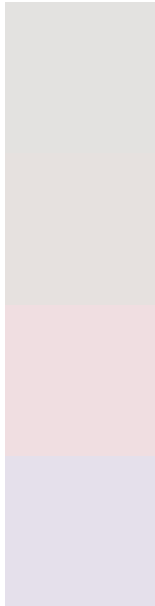
87.2099, 6.2817, 5.4195



## Tritanopia

87.1488, 0.8971, -2.9000

# Trichromacy



## Original Color

87.2384, -4.6727, 5.7458

## Protanomaly

87.1786, -3.3442, 6.1815

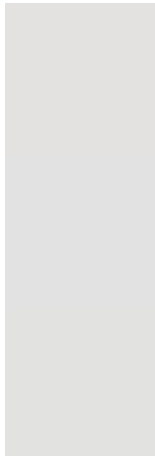
## Deuteranomaly

87.2949, 1.9164, 5.4426

## Tritanomaly

87.1593, -1.0522, 0.2231

# Monochromacy



## Original Color

87.2384, -4.6727, 5.7458

## Achromatopsia

87.2081, -4.6532, 4.7382

## Achromatomaly

87.1767, -4.8252, 5.1861

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.2384, -4.6727, 5.7458 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(227, 226, 224)` looks like.

```
.text, #text, p{  
    color:rgb(227, 226, 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(227, 226, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 226, 224) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.2384, -4.6727, 5.7458 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(227, 226, 224) }
```

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

```
.border{ border-color:rgb(227, 226, 224) }
```

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

Here you see how a box with a 4 pixel rgb(227, 226, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 226, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 226, 224);  
box-shadow:4px 4px 4px 4px rgb(227, 226,  
224) }
```



# Background

The CSS property to change the background color of an element to HunterLab 87.2384, -4.6727, 5.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 226, 224) }
```

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

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