

# Converting Colors

HunterLab(87.6525, -4.5189,  
4.3491)

Have a look what the booklet for  
HunterLab(87.6525, -4.5189, 4.3491)  
contains.

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# Color

**HunterLab(87.6758, -4.5034,  
4.3113)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E3E3E4
RGB	227, 227, 228
RGB Percent	89%, 89%, 89%
CMY	0.1098, 0.1098, 0.1059
CMYK	0.00, 0.00, 0.00, 0.11
HSL	240°, 2%, 89%
HSV	240°, 0%, 89%
XYZ	73.1512, 76.8705, 84.3808
YIQ	227.1140, -0.3210, 0.3110

# Conversions

## Conversions Part 2

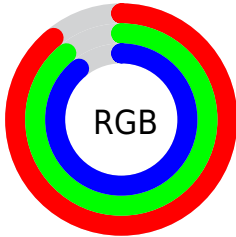
Format	Color
R <sub>YB</sub>	227, 227, 228
Decimal	14935012
CIE Lab	90.26, 0.18, -0.49
CIE LCh	90, 0.527, 290.207
Yxy	76.8738, 0.3121, 0.3279
Android (android.graphics.Color)	4293125092 (0xFFE3E3E4)
YUV	227.1140, 0.4368, -0.1000
Hunter-Lab	87.6758, -4.5034, 4.3113

# Details

The HunterLab color  $87.6758, -4.5034, 4.3113$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $88.0488, -4.8701, 5.2329$ , and the grayscale version is  $87.6939, -4.6791, 4.7646$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.2595, -3.2627, 3.0616$  is the 20% darker color. If you saturate the color by 10%, you get  $78.6078, 0.0973, -6.9224$ , and if you desaturate by 10%, it is  $96.9977, -8.8061, 14.7495$ .

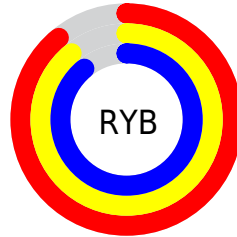
# Distribution



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 87.6758, -4.5034, 4.3113 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 87.6758, -4.5034, 4.3113 by changing the saturation by 10% instead.



■ 87.6758, -4.5034,  
4.3113

■ 87.6758, -4.5034,  
4.3113

220.0758,  
-11.5133, 11.3552

■ 75.5971, -3.8688,  
3.6772

113.5611, -5.8719,  
5.6804

■ 64.1289, -3.2652,  
3.0761

127.3158, -6.5991,  
6.4097

■ 53.3075, -2.6968,  
2.5117

141.5849, -7.3540,  
7.1678

■ 43.1742, -2.1658,  
1.9864

156.3505, -8.1356,  
7.9535

■ 33.7795, -1.6750,  
1.5033

171.5965, -8.9431,  
8.7658

■ 25.1867, -1.2281,  
1.0665

187.3081, -9.7757,

■ 17.4790, -0.8298,

9.6041

0.6814

203.4720,  
-10.6327, 10.4674

■ 10.7731, -0.4870,  
0.3559

■ 1.7079, 0.3734,  
-1.1079

■ 87.6758, -4.5034,  
4.3113

■ 87.6758, -4.5034,  
4.3113

■ 78.6078, 0.0973,  
-6.9224

■ 96.9977, -8.8061,  
14.7495

■ 69.8264, 5.0988,  
-19.2084

■ 99.1875, -9.8055,  
17.0719

■ 61.3852, 10.6287,  
-32.8832

■ 53.3573, 16.8557,  
-48.3875

■ 45.8480, 23.9819,  
-66.2486

■ 39.0132, 32.1898,  
-86.9456

■ 33.0825, 41.4594,  
-110.4352

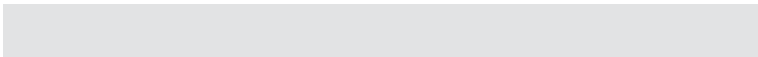
■ 28.3723, 51.1247,  
-135.0068

■ 25.2313, 59.3349,  
-155.8930

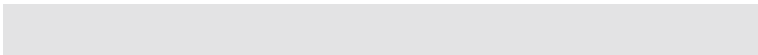
# Harmonies

## Analogous

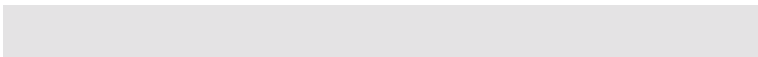
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.6777, -4.7703, 4.2896



87.6758, -4.5034, 4.3113



87.6777, -4.2879, 4.4592

# Triad

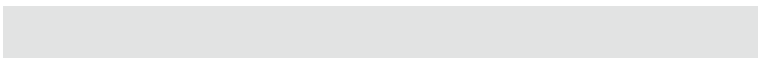
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.6777, -4.5054, 4.3127



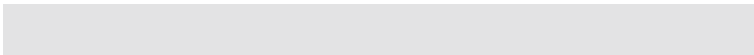
87.6777, -4.3539, 5.1472



87.6777, -5.1886, 4.8556

# Complementary

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



87.6758, -4.5034, 4.3113



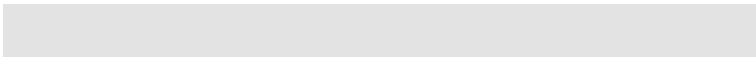
88.0488, -4.8701, 5.2329

# 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.



87.6777, -5.0773, 5.0847



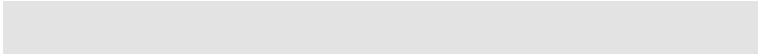
87.6758, -4.5034, 4.3113



87.6777, -4.5956, 5.2527

# Square

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



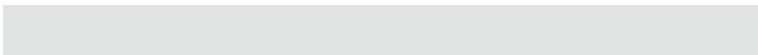
87.6777, -4.5054, 4.3127



87.6777, -4.2004, 4.9412



87.6777, -4.8603, 5.2299



87.6777, -5.1645, 4.6036



# Rectangle

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



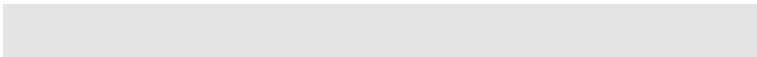
87.6758, -4.5034, 4.3113



87.6777, -4.1991, 4.6069



87.6777, -4.8603, 5.2299



87.6777, -5.1658, 4.9378

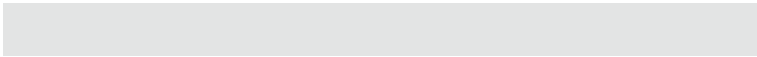
# Sweetspot

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



87.6777, -4.5054, 4.3127

100.0000, -5.3358, 5.4332



87.9883, -5.0251, 4.6784



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



87.6777, -4.5054, 4.3127



98.9492, -4.8286, 4.1989



87.7214, -4.3475, 4.3671



40.9011, -2.0072, 1.7652



18.0255, 48.6028, -127.4497



4.9317, 13.0730, -34.3851



# Inverse Universe

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



87.7380, -4.3526, 4.8753



99.1066, -4.4303, 5.6671



88.0052, -5.0282, 5.1790



40.9622, -1.8526, 2.3352



30.8638, 52.8600, 19.9061

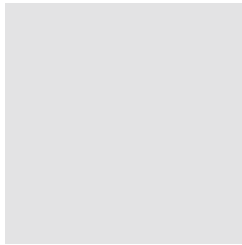


8.3919, 14.3764, 5.3834



# Previews

## White Background



This preview shows how the HunterLab color 87.6758, -4.5034, 4.3113 looks on a white background.

## Color Contrast Check

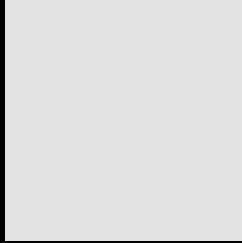
Large Text (above 18pt) WCAG AA × Fail

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 87.6758, -4.5034, 4.3113 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

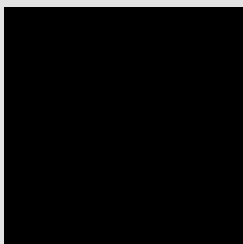
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

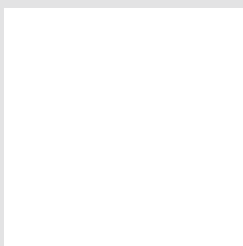
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 87.6758, -4.5034, 4.3113 Background



This preview shows how black text looks on a background with the HunterLab color 87.6758, -4.5034, 4.3113.



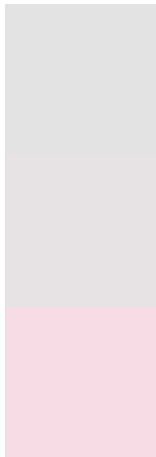
This preview shows how white text looks on a background with the HunterLab color 87.6758, -4.5034,

4.3113.

# 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

87.6758, -4.5034, 4.3113

### Protanopia

87.7084, -2.8550, 4.8693

### Deuteranopia

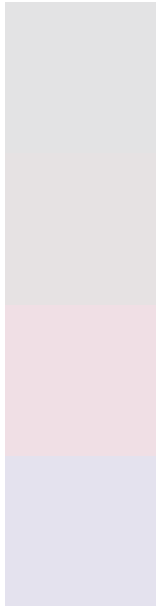
87.6356, 6.4229, 3.9612



## Tritanopia

87.7380, -0.1101, -3.2388

# Trichromacy



## Original Color

87.6758, -4.5034, 4.3113

## Protanomaly

87.6138, -3.1824, 4.7522

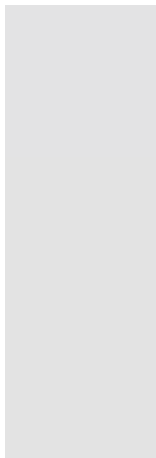
## Deuteranomaly

87.7256, 2.0692, 3.9918

## Tritanomaly

87.7837, -1.8807, -0.5742

# Monochromacy



## Original Color

87.6758, -4.5034, 4.3113

## 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 87.6758, -4.5034, 4.3113 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, 227, 228)` looks like.

```
.text, #text, p{  
    color:rgb(227, 227, 228)  
}
```

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, 227, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 227, 228) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.6758, -4.5034, 4.3113 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, 227, 228) }
```

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

```
.border{ border-color:rgb(227, 227, 228) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 227, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 227, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 227, 228);  
box-shadow:4px 4px 4px 4px rgb(227, 227,  
228) }
```



# Background

The CSS property to change the background color of an element to HunterLab 87.6758, -4.5034, 4.3113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 227, 228) }
```

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

```
.background{ background-color: rgb(227,  
227, 228) }
```

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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