

Converting Colors

HunterLab(87.3542, -4.6822,
4.5570)

Have a look what the booklet for
HunterLab(87.3542, -4.6822, 4.5570)
contains.

HunterLab(87.2396, -4.4803, 4.2880)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(87.2396, -4.4803,
4.2880)**

Conversions

Conversions Part 1

Format	Color
Hex	E2E2E3
RGB	226, 226, 227
RGB Percent	89%, 89%, 89%
CMY	0.1137, 0.1137, 0.1098
CMYK	0.00, 0.00, 0.00, 0.11
HSL	240°, 2%, 89%
HSV	240°, 0%, 89%
XYZ	72.4255, 76.1075, 83.5460
YIQ	226.1140, -0.3210, 0.3110

Conversions

Conversions Part 2

Format	Color
R_{YB}	226, 226, 227
Decimal	14869219
CIE Lab	89.91, 0.18, -0.50
CIE LCh	90, 0.528, 290.205
Yxy	76.1107, 0.3121, 0.3279
Android (android.graphics.Color)	4293059299 (0xFFE2E2E3)
YUV	226.1140, 0.4368, -0.1000
Hunter-Lab	87.2396, -4.4803, 4.2880

Details

The HunterLab color $87.2396, -4.4803, 4.2880$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $87.6123, -4.8467, 5.2088$, and the grayscale version is $87.2577, -4.6559, 4.7409$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $63.8454, -3.2408, 3.0395$ is the 20% darker color. If you saturate the color by 10%, you get $78.2192, 0.0960, -6.8869$, and if you desaturate by 10%, it is $96.5126, -8.7602, 14.6718$.

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 87.2396, -4.4803, 4.2880 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 87.2396, -4.4803, 4.2880 by changing the saturation by 10% instead.

■ 87.2396, -4.4803,
4.2880

■ 87.2396, -4.4803,
4.2880

219.4827,
-11.4817, 11.3230

■ 75.1820, -3.8468,
3.6551

113.0856, -5.8467,
5.6549

■ 63.7359, -3.2445,
3.0553

126.8217, -6.5728,
6.3832

■ 52.9380, -2.6773,
2.4922

141.0730, -7.3268,
7.1402

■ 42.8299, -2.1477,
1.9684

155.8214, -8.1075,
7.9249

■ 33.4623, -1.6584,
1.4869

171.0507, -8.9141,
8.7363

■ 24.8991, -1.2131,
1.0518

186.7461, -9.7458,

■ 17.2246, -0.8167,

9.5737

0.6687

202.8942,
-10.6019, 10.4361

■ 10.5568, -0.4760,
0.3455

0.0000, NaN, -NF

■ 87.2396, -4.4803,
4.2880

■ 87.2396, -4.4803,
4.2880

■ 78.2192, 0.0960,
-6.8869

■ 96.5126, -8.7602,
14.6718

■ 69.4836, 5.0709,
-19.1081

■ 99.1595, -9.9598,
17.4736

■ 61.0865, 10.5712,
-32.7105

■ 53.1003, 16.7647,
-48.1319

■ 45.6297, 23.8523,
-65.8964

■ 38.8296, 32.0156,
-86.4809

■ 32.9282, 41.2352,
-109.8436

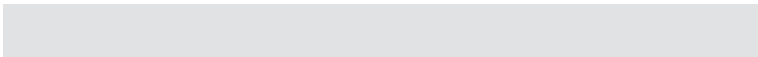
■ 28.2400, 50.8506,
-134.2879

■ 25.1117, 59.0244,
-155.0805

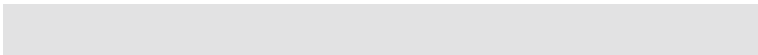
Harmonies

Analogous

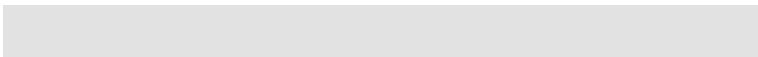
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.2415, -4.7469, 4.2663



87.2396, -4.4803, 4.2880



87.2415, -4.2650, 4.4358

Triad

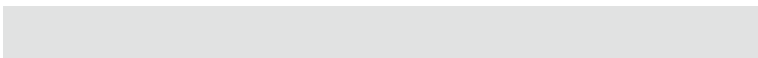
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.2415, -4.4823, 4.2894



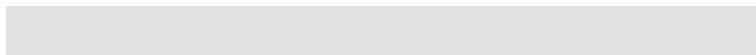
87.2415, -4.3310, 5.1231



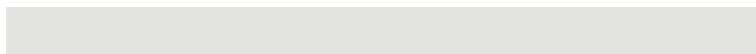
87.2415, -5.1648, 4.8318

Complementary

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



87.2396, -4.4803, 4.2880



87.6123, -4.8467, 5.2088

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.



87.2415, -5.0536, 5.0607



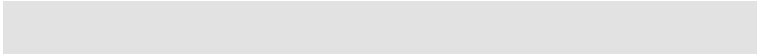
87.2396, -4.4803, 4.2880



87.2415, -4.5723, 5.2285

Square

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



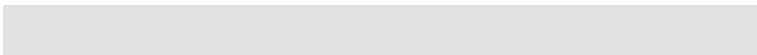
87.2415, -4.4823, 4.2894



87.2415, -4.1775, 4.9172



87.2415, -4.8368, 5.2057



87.2415, -5.1407, 4.5800

Rectangle

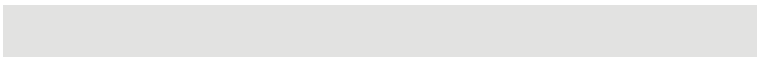
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



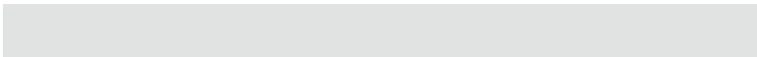
87.2396, -4.4803, 4.2880



87.2415, -4.1763, 4.5833



87.2415, -4.8368, 5.2057



87.2415, -5.1420, 4.9140

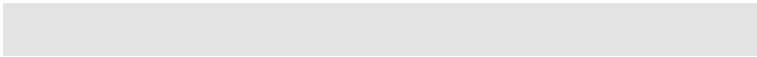
Sweetspot

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



87.2415, -4.4823, 4.2894

100.0000, -5.3358, 5.4332



87.5518, -5.0015, 4.6548



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

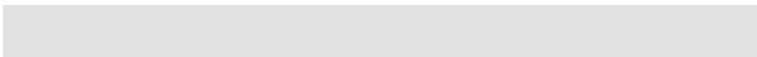
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.2415, -4.4823, 4.2894



98.9492, -4.8286, 4.1989



87.2851, -4.3245, 4.3437



40.9011, -2.0073, 1.7652



18.0259, 48.6009, -127.4463



4.9322, 13.0711, -34.3816

Inverse Universe

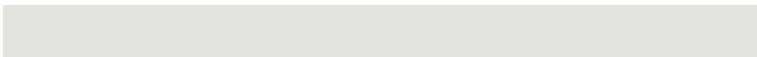
The Inverse Universe completely reimagines the original color for something new.



87.3017, -4.3296, 4.8515



99.1066, -4.4303, 5.6671



87.5687, -5.0046, 5.1549



40.9622, -1.8526, 2.3352



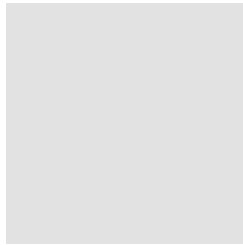
30.8638, 52.8600, 19.9058



8.3919, 14.3765, 5.3830

Previews

White Background



This preview shows how the HunterLab color 87.2396, -4.4803, 4.2880 looks on a white background.

Color Contrast Check

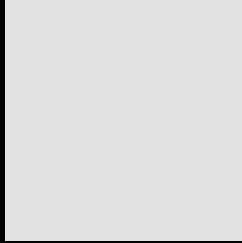
Large Text (above 18pt) WCAG AA × Fail

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 87.2396, -4.4803, 4.2880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

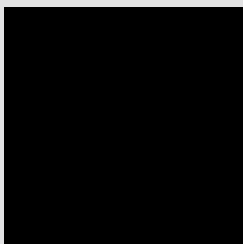
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

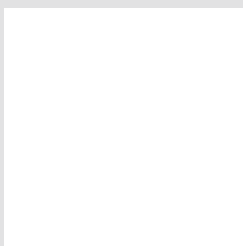
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.2396, -4.4803, 4.2880 Background



This preview shows how black text looks on a background with the HunterLab color 87.2396, -4.4803, 4.2880.



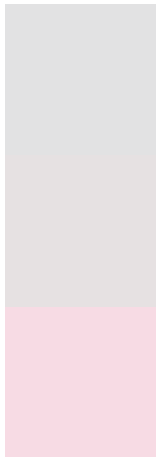
This preview shows how white text looks on a background with the HunterLab color 87.2396, -4.4803,

4.2880.

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

87.2396, -4.4803, 4.2880

Protanopia

87.2722, -2.8331, 4.8455

Deuteranopia

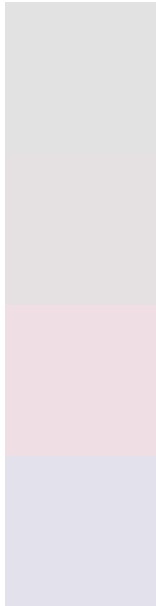
87.2001, 6.4383, 3.9390



Tritanopia

87.2675, -0.2765, -2.7705

Trichromacy



Original Color

87.2396, -4.4803, 4.2880

Protanomaly

87.1777, -3.1603, 4.7285

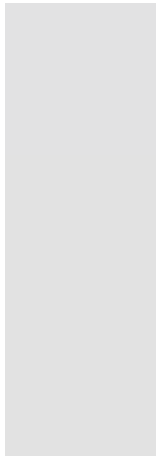
Deuteranomaly

87.2896, 2.0874, 3.9691

Tritanomaly

87.3141, -2.0413, -0.1200

Monochromacy



Original Color

87.2396, -4.4803, 4.2880

Achromatopsia

87.2081, -4.6532, 4.7382

Achromatomaly

87.2081, -4.6532, 4.7382

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.2396, -4.4803, 4.2880 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, 226, 227)` looks like.

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

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

Border

The CSS property to change the border of an element to HunterLab 87.2396, -4.4803, 4.2880 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, 226, 227) }
```

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

```
.border{ border-color:rgb(226, 226, 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, 226, 227)` colored shadow looks like.

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


Background

The CSS property to change the background color of an element to HunterLab 87.2396, -4.4803, 4.2880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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