

Converting Colors

HunterLab(87.9052, -3.6509,
4.1012)

Have a look what the booklet for
HunterLab(87.9052, -3.6509, 4.1012)
contains.

HunterLab(87.8939, -3.6830, 4.0908)	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(87.8939, -3.6830,
4.0908)**

Conversions

Conversions Part 1

Format	Color
Hex	E5E3E5
RGB	229, 227, 229
RGB Percent	90%, 89%, 90%
CMY	0.1020, 0.1098, 0.1020
CMYK	0.00, 0.01, 0.00, 0.10
HSL	300°, 4%, 89%
HSV	300°, 1%, 90%
XYZ	73.9251, 77.2534, 85.1439
YIQ	227.8260, 0.5500, 1.0460

Conversions

Conversions Part 2

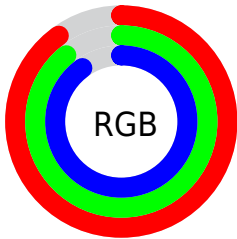
Format	Color
R _{YB}	229, 227, 229
Decimal	15066085
CIE Lab	90.44, 1.03, -0.74
CIE LCh	90, 1.273, 324.266
Yxy	77.2567, 0.3128, 0.3269
Android (android.graphics.Color)	4293256165 (0xFFE5E3E5)
YUV	227.8260, 0.5788, 1.0296
Hunter-Lab	87.8939, -3.6830, 4.0908

Details

The HunterLab color $87.8939, -3.6830, 4.0908$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $88.2710, -5.7105, 5.4763$, and the grayscale version is $88.0039, -4.6957, 4.7814$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.4668, -2.4830, 2.8519$ is the 20% darker color. If you saturate the color by 10%, you get $80.9638, 8.3967, -4.2490$, and if you desaturate by 10%, it is $95.1988, -15.4466, 12.2224$.

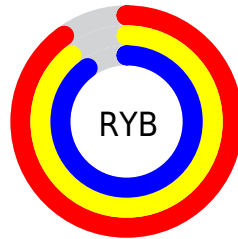
Distribution



Red (90%)

Green (89%)

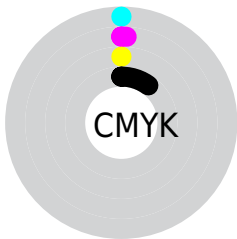
Blue (90%)



Red (90%)

Yellow (89%)

Blue (90%)

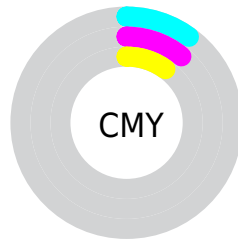


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (10%)



Cyan (10%)

Magenta (11%)

Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8939, -3.6830, 4.0908 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 87.8939, -3.6830, 4.0908 by changing the saturation by 10% instead.

■ 87.8939, -3.6830,
4.0908

■ 87.8939, -3.6830,
4.0908

220.3721,
-10.4003, 11.0569

■ 75.8047, -3.0876,
3.4671

113.7988, -4.9782,
5.4404

■ 64.3254, -2.5255,
2.8770

127.5627, -5.6708,
6.1606

■ 53.4923, -2.0008,
2.3242

141.8407, -6.3925,
6.9098

■ 43.3465, -1.5165,
1.8113

156.6149, -7.1420,
7.6869

■ 33.9382, -1.0761,
1.3415

171.8692, -7.9183,
8.4910

■ 25.3306, -0.6842,
0.9192

187.5889, -8.7207,

■ 17.6065, -0.3471,

9.3212

0.5502

203.7607, -9.5483,
10.1767

■ 10.8817, -0.0746,
0.2431

■ 2.2061, 1.9225,
-1.2763

■ 87.8939, -3.6830,
4.0908

■ 87.8939, -3.6830,
4.0908

■ 80.9638, 8.3967,
-4.2490

■ 95.1988, -15.4466,
12.2224

■ 74.4626, 20.7661,
-12.7781

■ 96.8687, -18.0196,
14.0022

■ 68.4642, 33.3234,
-21.4259

■ 96.8687, -18.0196,
14.0022

■ 63.0529, 45.8619,
-30.0502

■ 96.8687, -18.0196,
14.0022

58.3228, 58.0223,
-38.4052

96.8687, -18.0196,
14.0023

54.3703, 69.2653,
-46.1222

96.8687, -18.0196,
14.0023

51.2784, 78.9042,
-52.7329

96.8687, -18.0196,
14.0023

49.0941, 86.2442,
-57.7639

96.8687, -18.0196,
14.0023

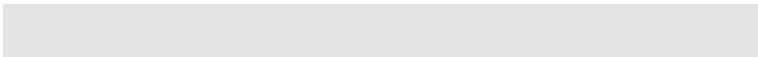
47.7999, 90.8289,
-60.9050

96.8687, -18.0195,
14.0023

Harmonies

Analogous

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



87.8958, -4.1841, 3.7015



87.8939, -3.6830, 4.0908



87.8958, -3.4565, 4.6664

Triad

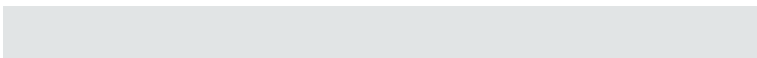
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8958, -3.6851, 4.0922



87.8958, -4.5706, 5.9508



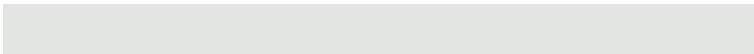
87.8958, -5.8230, 4.2979

Complementary

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



87.8939, -3.6830, 4.0908



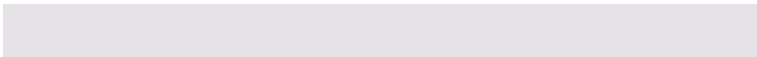
88.2710, -5.7105, 5.4763

Split Complementary

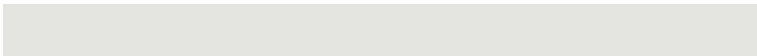
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.8958, -5.9259, 4.9023



87.8939, -3.6830, 4.0908



87.8958, -5.2040, 5.8537

Square

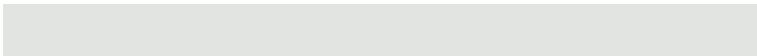
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



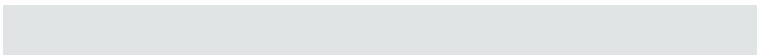
87.8958, -3.6851, 4.0922



87.8958, -3.9687, 5.7372



87.8958, -5.6996, 5.4710



87.8958, -5.4181, 3.8208

Rectangle

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



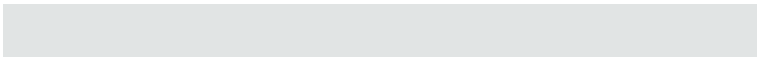
87.8939, -3.6830, 4.0908



87.8958, -3.4888, 5.0748



87.8958, -5.6996, 5.4710



87.8958, -5.8940, 4.4930

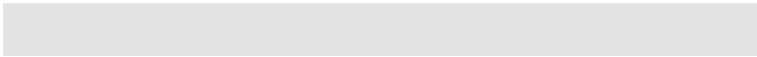
Sweetspot

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



87.8958, -3.6851, 4.0922

100.0000, -5.3358, 5.4332



87.7202, -4.3476, 3.8724



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

Same Dimension

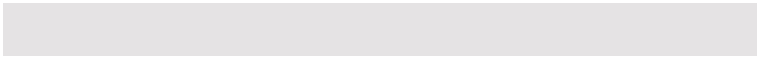
The Same Dimension uses a secret algorithm to generate beautiful new colors.



87.8958, -3.6851, 4.0922



99.1886, -3.9822, 4.4980



87.8652, -3.8523, 4.5283



40.9940, -1.6785, 1.8813



35.7193, 70.2254, -47.1118



9.7099, 19.0900, -12.8068

Inverse Universe

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



87.8327, -4.0301, 4.9921



99.1063, -4.4320, 5.6715



88.3012, -5.5444, 5.0445



40.9621, -1.8532, 2.3370



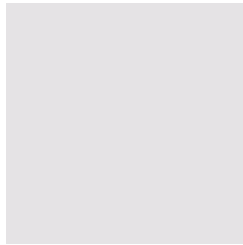
30.8614, 52.8510, 19.9419



8.3893, 14.3670, 5.4210

Previews

White Background



This preview shows how the HunterLab color 87.8939, -3.6830, 4.0908 looks on a white background.

Color Contrast Check

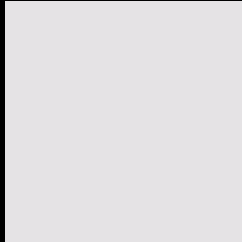
Large Text (above 18pt) WCAG AA × Fail

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 87.8939, -3.6830, 4.0908 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

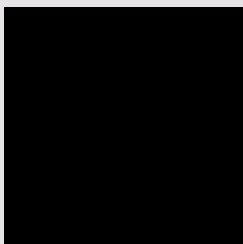
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

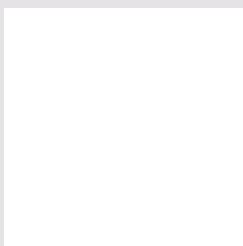
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.8939, -3.6830, 4.0908 Background



This preview shows how black text looks on a background with the HunterLab color 87.8939, -3.6830, 4.0908.



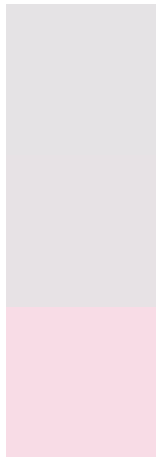
This preview shows how white text looks on a background with the HunterLab color 87.8939, -3.6830,

4.0908.

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

87.8939, -3.6830, 4.0908

Protanopia

87.7717, -2.5096, 3.9665

Deuteranopia

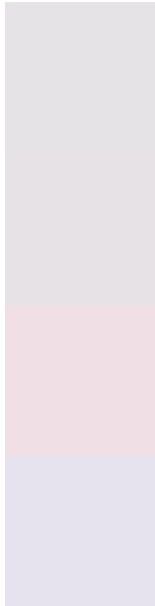
87.6676, 6.5939, 3.5056



Tritanopia

87.9263, 0.5346, -2.9887

Trichromacy



Original Color

87.8939, -3.6830, 4.0908

Protanomaly

87.6772, -2.8364, 3.8485

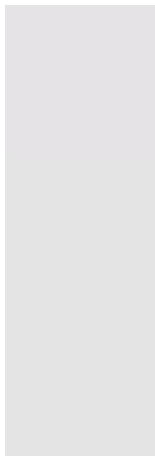
Deuteranomaly

87.8574, 2.5812, 3.6618

Tritanomaly

87.9709, -1.2362, -0.3313

Monochromacy



Original Color

87.8939, -3.6830, 4.0908

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

88.0808, -4.6998, 4.7856

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.8939, -3.6830, 4.0908 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, 227, 229)` looks like.

```
.text, #text, p{  
    color:rgb(229, 227, 229)  
}
```

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, 227, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 227, 229) }
```

Border

The CSS property to change the border of an element to HunterLab 87.8939, -3.6830, 4.0908 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, 227, 229) }
```

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

```
.border{ border-color:rgb(229, 227, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 227, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 227, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 227, 229);  
box-shadow:4px 4px 4px 4px rgb(229, 227,  
229) }
```


Background

The CSS property to change the background color of an element to HunterLab 87.8939, -3.6830, 4.0908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 227, 229) }
```

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

```
.background{ background-color: rgb(229,  
227, 229) }
```

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