

Converting Colors

HunterLab(87.5371, -0.9038,
1.0613)

Have a look what the booklet for
HunterLab(87.5371, -0.9038, 1.0613)
contains.

HunterLab(87.6241, -1.1059, 1.3033)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(87.6241, -1.1059,
1.3033)**

Conversions

Conversions Part 1

Format	Color
Hex	E7E1EA
RGB	231, 225, 234
RGB Percent	91%, 88%, 92%
CMY	0.0941, 0.1176, 0.0823
CMYK	0.01, 0.04, 0.00, 0.08
HSL	280°, 18%, 90%
HSV	280°, 4%, 92%
XYZ	74.7315, 76.7798, 88.7230
YIQ	227.8200, 0.6870, 4.0710

Conversions

Conversions Part 2

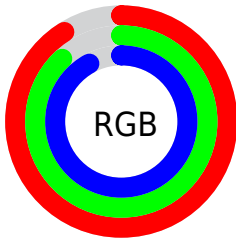
Format	Color
R_{YB}	231, 225, 234
Decimal	15196650
CIE Lab	90.22, 3.64, -3.67
CIE LCh	90, 5.164, 314.787
Yxy	76.7831, 0.3111, 0.3196
Android (android.graphics.Color)	4293386730 (0xFFE7E1EA)
YUV	227.8200, 3.0467, 2.7889
Hunter-Lab	87.6241, -1.1059, 1.3033

Details

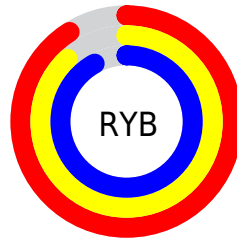
The HunterLab color $87.6241, -1.1059, 1.3033$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $89.8765, -8.3073, 8.2415$, and the grayscale version is $87.9907, -4.6950, 4.7807$.

A 20% lighter version of the original color is $100.0000, -5.3358, 5.4332$, and $64.0919, -0.5083, 0.5205$ is the 20% darker color. If you saturate the color by 10%, you get $79.8224, 8.7332, -8.4806$, and if you desaturate by 10%, it is $95.7297, -10.7598, 10.5879$.

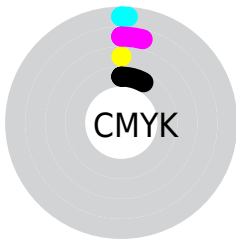
Distribution



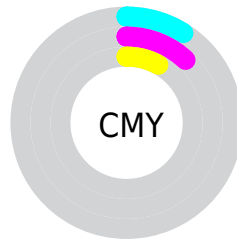
- Red (91%)
- Green (88%)
- Blue (92%)



- Red (91%)
- Yellow (88%)
- Blue (92%)



- Cyan (1%)
- Magenta (4%)
- Yellow (0%)
- Black (8%)



- Cyan (9%)
- Magenta (12%)
- Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.6241, -1.1059, 1.3033 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 87.6241, -1.1059, 1.3033 by changing the saturation by 10% instead.

■ 87.6241, -1.1059,
1.3033

■ 87.6241, -1.1059,
1.3033

220.0055, -6.9132,
7.3089

■ 75.5479, -0.6324,
0.8076

113.5048, -2.1733,
2.4132

■ 64.0823, -0.1984,
0.3520

127.2572, -2.7587,
3.0203

■ 53.2637, 0.1906,
-0.0589

141.5242, -3.3768,
3.6603

■ 43.1334, 0.5303,
-0.4210

156.2878, -4.0263,
4.3318

■ 33.7419, 0.8150,
-0.7290

171.5318, -4.7058,
5.0335

■ 25.1525, 1.0373,
-0.9760

187.2415, -5.4141,

■ 17.4488, 1.1862,

5.7643

-1.1523

203.4035, -6.1502,
6.5231

■ 10.7474, 1.2441,
-1.2431

■ 1.5666, 10.0357,
-9.6130

■ 87.6241, -1.1059,
1.3033

■ 87.6241, -1.1059,
1.3033

■ 79.8224, 8.7332,
-8.4806

■ 95.7297, -10.7598,
10.5879

■ 72.3672, 18.7711,
-18.8553

■ 98.5715, -11.6390,
13.7136

■ 65.3218, 28.9816,
-29.8966

■ 99.3020, -9.0606,
14.5533

■ 58.7645, 39.2759,
-41.6412

■ 99.3582, -8.8630,
14.6177

■ 52.7934, 49.4469,
-54.0253

■ 47.5275, 59.0946,
-66.7875

■ 43.0982, 67.5579,
-79.3486

■ 39.6267, 73.9434,
-90.7573

■ 37.1744, 77.3949,
-99.8911

Harmonies

Analogous

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



87.6260, -3.3926, 0.0153



87.6241, -1.1059, 1.3033



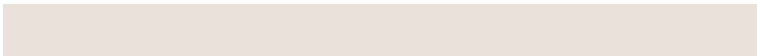
87.6260, 0.2273, 3.5046

Triad

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



87.6260, -1.1080, 1.3048



87.6260, -3.3561, 9.2631



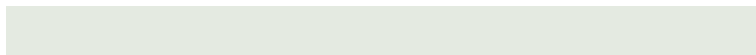
87.6260, -9.4915, 3.5395

Complementary

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



87.6241, -1.1059, 1.3033



89.8765, -8.3073, 8.2415

Split Complementary

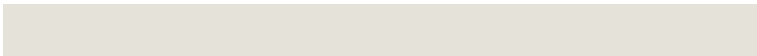
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.6260, -9.4820, 6.0163



87.6241, -1.1059, 1.3033



87.6260, -5.9604, 9.2718

Square

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



87.6260, -1.1080, 1.3048



87.6260, -1.0810, 8.0745



87.6260, -8.1961, 8.0987



87.6260, -8.2222, 1.3310

Rectangle

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



87.6241, -1.1059, 1.3033



87.6260, 0.3896, 5.1681



87.6260, -8.1961, 8.0987



87.6260, -9.6373, 4.3694

Sweetspot

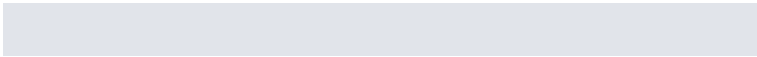
The Sweet Spot groups the original color and five complimentary colors.



87.6260, -1.1080, 1.3048



99.1075, -4.2635, 4.3968



88.0458, -4.6838, 1.7520



45.8721, -1.9971, 2.0580

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



87.6260, -1.1080, 1.3048



95.5697, 0.0464, 0.1972



87.8688, -0.3622, 2.2963



40.1766, 0.3190, -0.2106



27.1661, 58.8106, -77.6999



7.9480, 16.9092, -20.4297

Inverse Universe

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



87.7199, -1.1717, 4.4191



95.7068, -0.0439, 4.7098



89.6467, -9.0340, 7.3259



40.2426, 0.2762, 1.9546



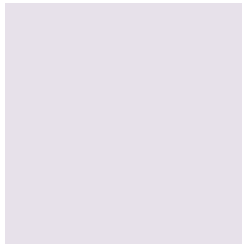
31.8748, 55.6224, 12.5667



9.0282, 15.9396, 2.1242

Previews

White Background



This preview shows how the HunterLab color 87.6241, -1.1059, 1.3033 looks on a white background.

Color Contrast Check

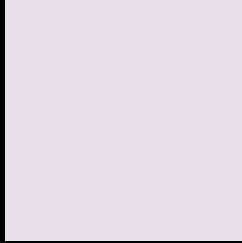
Large Text (above 18pt) WCAG AA × Fail

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 87.6241, -1.1059, 1.3033 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

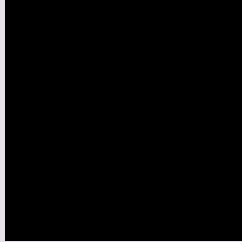
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

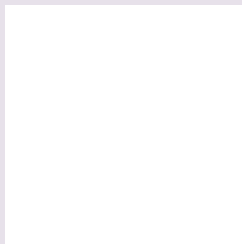
Any Text WCAG AAA ✓ Pass

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

HunterLab 87.6241, -1.1059, 1.3033 Background



This preview shows how black text looks on a background with the HunterLab color 87.6241, -1.1059, 1.3033.



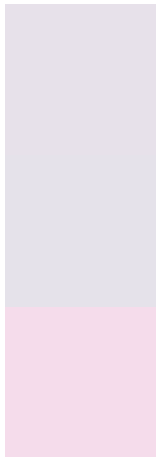
This preview shows how white text looks on a background with the HunterLab color 87.6241, -1.1059,

1.3033.

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

87.6241, -1.1059, 1.3033

Protanopia

87.7447, -2.2802, 1.4293

Deuteranopia

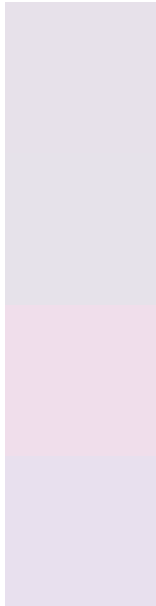
87.5197, 6.4238, 0.7962



Tritanopia

87.6459, 1.0179, -2.2706

Trichromacy



Original Color

87.6241, -1.1059, 1.3033

Protanomaly

87.8386, -1.9561, 1.5492

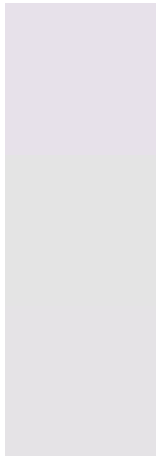
Deuteranomaly

87.6162, 3.6490, 0.8657

Tritanomaly

87.5444, 0.4681, -0.8299

Monochromacy



Original Color

87.6241, -1.1059, 1.3033

Achromatopsia

88.0808, -4.6998, 4.7856

Achromatomaly

87.9257, -3.5088, 3.6365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 87.6241, -1.1059, 1.3033 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(231, 225, 234)` looks like.

```
.text, #text, p{  
    color:rgb(231, 225, 234)  
}
```

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(231, 225, 234) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 225, 234) }
```

Border

The CSS property to change the border of an element to HunterLab 87.6241, -1.1059, 1.3033 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(231, 225, 234) }
```


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

```
.border{ border-color:rgb(231, 225, 234) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 225, 234)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 225, 234); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 225, 234);  
box-shadow:4px 4px 4px 4px rgb(231, 225,  
234) }
```

Background

The CSS property to change the background color of an element to HunterLab 87.6241, -1.1059, 1.3033 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 225, 234) }
```

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

```
.background{ background-color: rgb(231,  
225, 234) }
```

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