

# Converting Colors

HunterLab(88.3840, -3.6534,  
3.7415)

Have a look what the booklet for  
HunterLab(88.3840, -3.6534, 3.7415)  
contains.

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# Color

**HunterLab(88.3625, -3.5312,  
3.6593)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E6E4E7
RGB	230, 228, 231
RGB Percent	90%, 89%, 91%
CMY	0.0980, 0.1059, 0.0941
CMYK	0.00, 0.01, 0.00, 0.09
HSL	280°, 6%, 90%
HSV	280°, 1%, 91%
XYZ	74.8003, 78.0793, 86.7298
YIQ	228.9400, 0.2290, 1.3570

# Conversions

## Conversions Part 2

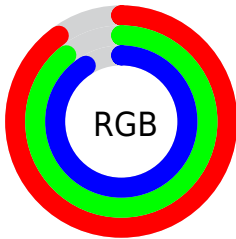
Format	Color
R <sub>Y</sub> B	230, 228, 231
Decimal	15131879
CIE Lab	90.82, 1.21, -1.23
CIE LCh	91, 1.725, 314.597
Yxy	78.0827, 0.3122, 0.3259
Android (android.graphics.Color)	4293321959 (0xFFE6E4E7)
YUV	228.9400, 1.0156, 0.9296
Hunter-Lab	88.3625, -3.5312, 3.6593

# Details

The HunterLab color  $88.3625, -3.5312, 3.6593$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $89.1142, -5.9303, 5.9712$ , and the grayscale version is  $88.4888, -4.7215, 4.8078$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.8816, -2.5041, 2.8738$  is the 20% darker color. If you saturate the color by 10%, you get  $80.5992, 6.1062, -5.8426$ , and if you desaturate by 10%, it is  $96.4145, -12.9911, 12.6910$ .

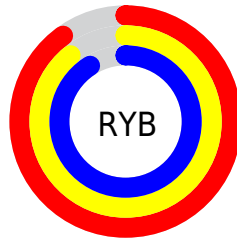
# Distribution



Red (90%)

Green (89%)

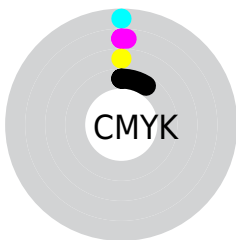
Blue (91%)



Red (90%)

Yellow (89%)

Blue (91%)

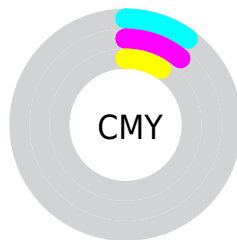


Cyan (0%)

Magenta (1%)

Yellow (0%)

Black (9%)



Cyan (10%)

Magenta (11%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.3625, -3.5312, 3.6593 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 88.3625, -3.5312, 3.6593 by changing the saturation by 10% instead.



■ 88.3625, -3.5312,  
3.6593

■ 88.3625, -3.5312,  
3.6593

221.0085,  
-10.1959, 10.4749

■ 76.2508, -2.9429,  
3.0557

114.3095, -4.8133,  
4.9713

■ 64.7478, -2.3881,  
2.4868

128.0932, -5.4997,  
5.6738

■ 53.8895, -1.8712,  
1.9563

142.3903, -6.2153,  
6.4059

■ 43.7169, -1.3952,  
1.4671

157.1829, -6.9591,  
7.1664

■ 34.2797, -0.9637,  
1.0229

172.4550, -7.7298,  
7.9545

■ 25.6405, -0.5814,  
0.6284

188.1921, -8.5268,

■ 17.8812, -0.2551,

8.7692

0.2901

204.3806, -9.3490,  
9.6096

■ 11.1159, 0.0054,  
0.0178

■ 3.0086, 1.5937,  
-1.5288

■ 88.3625, -3.5312,  
3.6593

■ 88.3625, -3.5312,  
3.6593

■ 80.5992, 6.1062,  
-5.8426

■ 96.4145, -12.9911,  
12.6910

■ 73.1635, 15.9394,  
-15.9044

■ 98.3761, -12.5060,  
14.8353

■ 66.1141, 25.9531,  
-26.6055

■ 99.0948, -9.9625,  
15.6532

■ 59.5232, 36.0804,  
-37.9967

■ 99.2722, -9.3379,  
15.8542

■ 53.4823, 46.1544,  
-50.0488

■ 48.1031, 55.8385,  
-62.5662

■ 43.5133, 64.5528,  
-75.0710

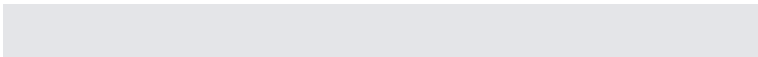
■ 39.8383, 71.4645,  
-86.7173

■ 37.1602, 75.6782,  
-96.4029

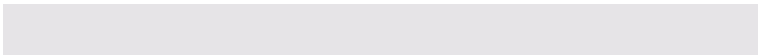
# Harmonies

## Analogous

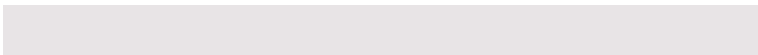
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3644, -4.2945, 3.2444



88.3625, -3.5312, 3.6593



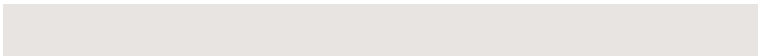
88.3644, -3.0890, 4.3830

# Triad

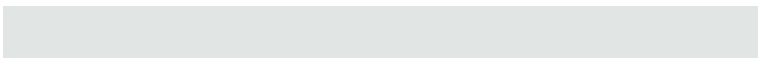
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.3644, -3.5333, 3.6607



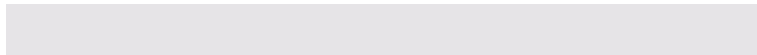
88.3644, -4.2716, 6.3416



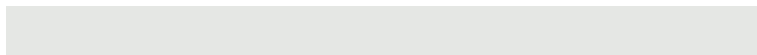
88.3644, -6.3446, 4.4049

# Complementary

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



88.3625, -3.5312, 3.6593



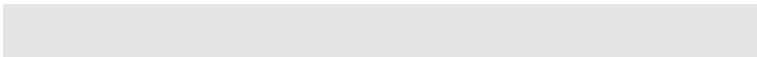
89.1142, -5.9303, 5.9712

# 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.



88.3644, -6.3385, 5.2347



88.3625, -3.5312, 3.6593



88.3644, -5.1439, 6.3473

# Square

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



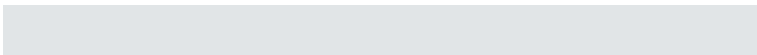
88.3644, -3.5333, 3.6607



88.3644, -3.5164, 5.9281



88.3644, -5.8998, 5.9439



88.3644, -5.9165, 3.6769



# Rectangle

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



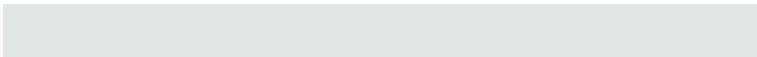
88.3625, -3.5312, 3.6593



88.3644, -3.0335, 4.9383



88.3644, -5.8998, 5.9439



88.3644, -6.3932, 4.6813

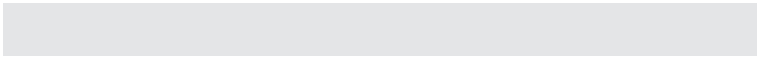
# Sweetspot

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



88.3644, -3.5333, 3.6607

100.0000, -5.3358, 5.4332



88.5060, -4.7237, 3.8083



46.2646, -2.4686, 2.5136

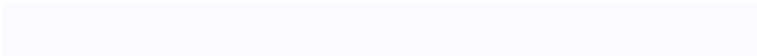
0.0000, NaN, NaN

# Same Dimension

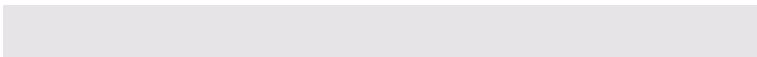
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.3644, -3.5333, 3.6607



98.2179, -3.1898, 3.3549



88.4439, -3.2865, 3.9825



40.6170, -1.3709, 1.4376



26.7396, 57.8882, -76.4864



7.6070, 16.1692, -19.4406



# Inverse Universe

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



88.3948, -3.5547, 4.6823



98.2711, -3.2265, 5.1327



89.0361, -6.1750, 5.6578



40.6376, -1.3852, 2.1276



31.3786, 54.7627, 12.3235

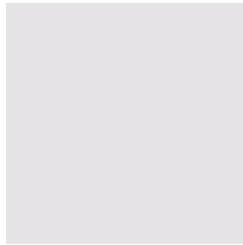


8.6276, 15.2451, 1.9316



# Previews

## White Background



This preview shows how the HunterLab color 88.3625, -3.5312, 3.6593 looks on a white background.

## Color Contrast Check

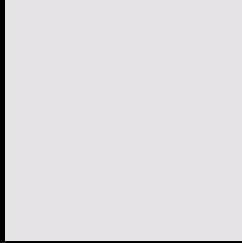
Large Text (above 18pt) WCAG AA × Fail

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 88.3625, -3.5312, 3.6593 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

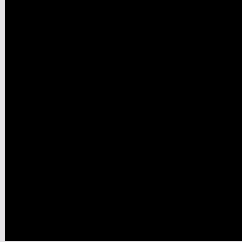
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

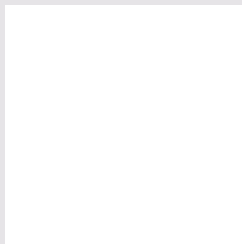
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 88.3625, -3.5312, 3.6593 Background



This preview shows how black text looks on a background with the HunterLab color 88.3625, -3.5312, 3.6593.



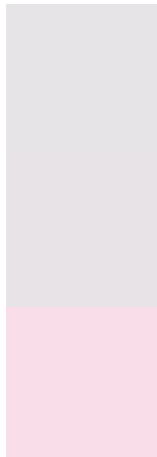
This preview shows how white text looks on a background with the HunterLab color 88.3625, -3.5312,

3.6593.

# 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

88.3625, -3.5312, 3.6593

### Protanopia

88.2403, -2.3570, 3.5343

### Deuteranopia

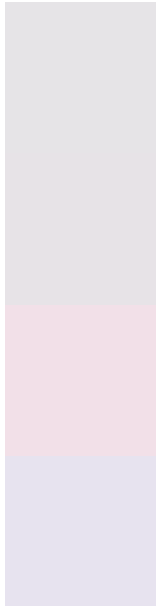
88.1356, 6.7506, 3.0693



## Tritanopia

88.3630, 0.5151, -2.9701

# Trichromacy



## Original Color

88.3625, -3.5312, 3.6593

## Protanomaly

88.1457, -2.6837, 3.4158

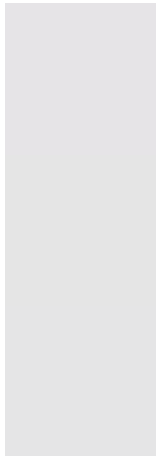
## Deuteranomaly

88.3260, 2.7364, 3.2270

## Tritanomaly

88.4076, -1.2568, -0.3113

# Monochromacy



## Original Color

88.3625, -3.5312, 3.6593

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

88.5493, -4.5498, 4.3580

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.3625, -3.5312, 3.6593 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(230, 228, 231)` looks like.

```
.text, #text, p{  
    color:rgb(230, 228, 231)  
}
```

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(230, 228, 231) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 228, 231) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.3625, -3.5312, 3.6593 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(230, 228, 231) }
```

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

```
.border{ border-color:rgb(230, 228, 231) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 228, 231)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 228, 231); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 228, 231);  
box-shadow:4px 4px 4px 4px rgb(230, 228,  
231) }
```



# Background

The CSS property to change the background color of an element to HunterLab 88.3625, -3.5312, 3.6593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 228, 231) }
```

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

```
.background{ background-color: rgb(230,  
228, 231) }
```

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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