

# Converting Colors

HunterLab(87.8357, 4.2229,  
-9.6633)

Have a look what the booklet for  
HunterLab(87.8357, 4.2229, -9.6633)  
contains.

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# Color

**HunterLab(87.8357, 4.2229,  
-9.6633)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8DFFF
RGB	232, 223, 255
RGB Percent	91%, 87%, 100%
CMY	0.0902, 0.1255, 0.0000
CMYK	0.09, 0.13, 0.00, 0.00
HSL	257°, 100%, 94%
HSV	257°, 13%, 100%
XYZ	77.7163, 77.1511, 105.4033
YIQ	229.3390, -4.9080, 11.8600

# Conversions

## Conversions Part 2

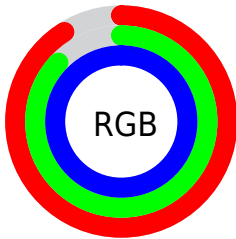
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	232, 223, 255
Decimal	15261695
CIE <sub>Lab</sub>	90.39, 8.97, -14.41
CIE <sub>LCh</sub>	90, 16.972, 301.886
Yxy	77.1543, 0.2986, 0.2964
Android (android.graphics.Color)	4293451775 (0xFFE8DFFF)
YUV	229.3390, 12.6509, 2.3337
Hunter-Lab	87.8357, 4.2229, -9.6633

# Details

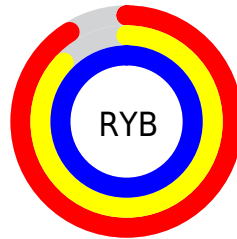
The HunterLab color  $87.8357, 4.2229, -9.6633$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $98.2046, -13.5655, 18.1252$ , and the grayscale version is  $88.6154, -4.7283, 4.8146$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $64.2749, 4.4368, -9.5990$  is the 20% darker color. If you saturate the color by 10%, you get  $78.5043, 12.1564, -22.8653$ , and if you desaturate by 10%, it is  $97.4942, -3.4260, 2.4808$ .

# Distribution



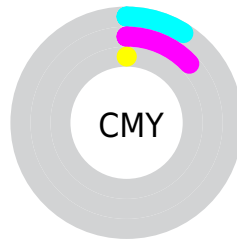
- Red (91%)
- Green (87%)
- Blue (100%)



- Red (91%)
- Yellow (87%)
- Blue (100%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (13%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.8357, 4.2229, -9.6633 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 87.8357, 4.2229, -9.6633 by changing the saturation by 10% instead.



87.8357, 4.2229,  
-9.6633

87.8357, 4.2229,  
-9.6633

220.2930, 0.2351,  
-6.9506

75.7493, 4.4543,  
-9.7329

113.7353, 3.6093,  
-9.3605

64.2729, 4.6343,  
-9.7474

127.4967, 3.2381,  
-9.1384

53.4429, 4.7552,  
-9.7000

141.7724, 2.8266,  
-8.8721

43.3004, 4.8103,  
-9.5855

156.5443, 2.3772,  
-8.5639

33.8958, 4.7904,  
-9.3984

171.7963, 1.8918,  
-8.2159

25.2921, 4.6833,  
-9.1341

187.5139, 1.3720,

17.5724, 4.4710,

-7.8300

-8.7926

203.6835, 0.8193,  
-7.4077

■ 10.8526, 4.1256,  
-8.3964

■ 2.0847, 18.6283,  
-28.6225

■ 87.8357, 4.2229,  
-9.6633

■ 87.8357, 4.2229,  
-9.6633

■ 78.5043, 12.1564,  
-22.8653

■ 97.4942, -3.4260,  
2.4808

■ 69.5520, 20.4584,  
-37.4331

100.0000, -5.3358,  
5.4332

■ 61.0594, 29.2043,  
-53.7303

■ 53.1363, 38.4384,  
-72.1490

■ 45.9369, 48.0849,  
-92.9606

■ 39.6741, 57.7616,  
-115.9260

■ 34.6180, 66.4856,  
-139.5384

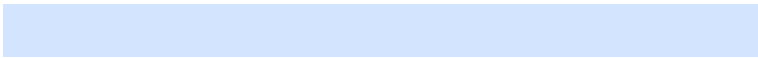
■ 31.0393, 72.5581,  
-160.3193

■ 29.3026, 74.8203,  
-172.0608

# Harmonies

## Analogous

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



87.8375, -4.1462, -12.4497



87.8357, 4.2229, -9.6633



87.8375, 10.3840, -2.9638

# Triad

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



87.8375, 4.2208, -9.6609



87.8375, 3.2422, 17.5619



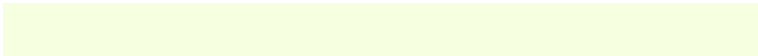
87.8375, -20.6245, 4.2615

# Complementary

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



87.8357, 4.2229, -9.6633



98.2046, -13.5655, 18.1252

# 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.



87.8375, -18.8142, 11.8795



87.8357, 4.2229, -9.6633



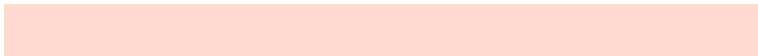
87.8375, -5.2355, 19.1027

# Square

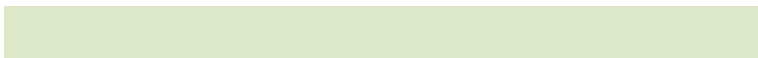
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



87.8375, 4.2208, -9.6609



87.8375, 9.8039, 12.6959



87.8375, -13.2620, 17.1235



87.8375, -18.3039, -3.9461



# Rectangle

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



87.8357, 4.2229, -9.6633



87.8375, 12.2965, 2.5306



87.8375, -13.2620, 17.1235



87.8375, -20.4792, 6.9738

# Sweetspot

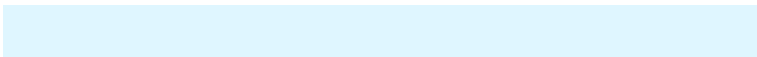
The Sweet Spot groups the original color and five complimentary colors.



87.8375, 4.2208, -9.6609



96.0727, -2.3302, 0.7729



94.3957, -10.9240, -1.4483



44.1083, -0.8147, -0.0548

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.8375, 4.2208, -9.6609



85.5162, 6.1378, -12.7912



89.3698, 9.3516, -7.5320



41.9821, 0.8638, -2.7141



21.3325, 54.2168, -123.3006



7.0371, 17.2710, -35.9146



# Inverse Universe

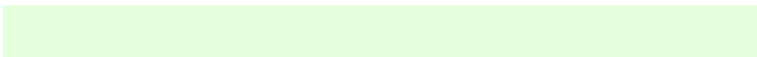
The Inverse Universe completely reimagines the original color for something new.



89.8288, 10.2419, -2.0178



87.9224, 13.3324, -3.4363



96.8240, -18.5210, 16.5868



42.6710, 2.9739, -0.1105



35.9562, 66.6369, -15.9959

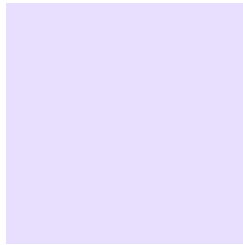


11.3026, 21.0890, -6.1297



# Previews

## White Background



This preview shows how the HunterLab color 87.8357, 4.2229, -9.6633 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

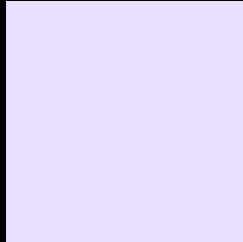
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.8357, 4.2229, -9.6633 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

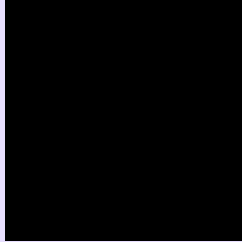
Any Text WCAG AA ✓ Pass

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 87.8357, 4.2229, -9.6633 Background



This preview shows how black text looks on a background with the HunterLab color 87.8357, 4.2229, -9.6633.



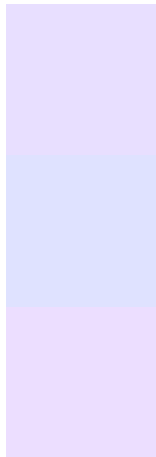
This preview shows how white text looks on a background with the HunterLab color 87.8357, 4.2229, -9.6633.

-9.6633.

# 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

87.8357, 4.2229, -9.6633

### Protanopia

87.9208, -0.2177, -9.6268

### Deuteranopia

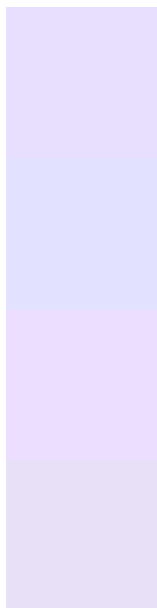
87.9178, 6.0575, -9.5210



## Tritanopia

87.8319, 0.2117, -3.1140

# Trichromacy



## Original Color

87.8357, 4.2229, -9.6633

## Protanomaly

87.8858, 1.2482, -9.6481

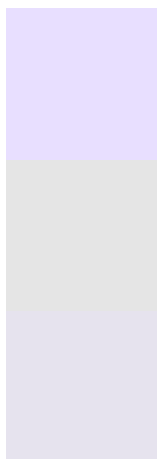
## Deuteranomaly

87.8207, 5.7313, -9.6571

## Tritanomaly

87.7586, 1.8176, -5.3420

# Monochromacy



## Original Color

87.8357, 4.2229, -9.6633

## Achromatopsia

88.5177, -4.7231, 4.8093

## Achromatomaly

88.2804, -1.7617, 0.0413

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.8357, 4.2229, -9.6633 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(232, 223, 255)` looks like.

```
.text, #text, p{  
    color:rgb(232, 223, 255)  
}
```

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(232, 223, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 223, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.8357, 4.2229, -9.6633 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(232, 223, 255) }
```



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

```
.border{ border-color:rgb(232, 223, 255) }
```

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

Here you see how a box with a 4 pixel rgb(232, 223, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 223, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 223, 255);  
box-shadow:4px 4px 4px 4px rgb(232, 223,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.8357, 4.2229, -9.6633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 223, 255) }
```

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

```
.background{ background-color: rgb(232,  
223, 255) }
```

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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