

# Converting Colors

HunterLab(87.2804, 4.0208,  
-7.6520)

Have a look what the booklet for  
HunterLab(87.2804, 4.0208, -7.6520)  
contains.

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# Color

**HunterLab(87.3501, 3.7823,  
-7.4980)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E8DEFA
RGB	232, 222, 250
RGB Percent	91%, 87%, 98%
CMY	0.0902, 0.1294, 0.0196
CMYK	0.07, 0.11, 0.00, 0.02
HSL	261°, 74%, 93%
HSV	261°, 11%, 98%
XYZ	76.6552, 76.3004, 101.1297
YIQ	228.1820, -3.0280, 10.8280

# Conversions

## Conversions Part 2

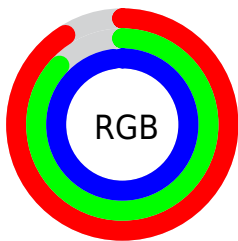
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	232, 222, 250
Decimal	15261434
CIE Lab	90.00, 8.52, -12.38
CIE LCh	90, 15.026, 304.540
Yxy	76.3036, 0.3017, 0.3003
Android (android.graphics.Color)	4293451514 (0xFFE8DEFA)
YUV	228.1820, 10.7563, 3.3484
Hunter-Lab	87.3501, 3.7823, -7.4980

# Details

The HunterLab color  $87.3501, 3.7823, -7.4980$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $96.0064, -13.1202, 16.2487$ , and the grayscale version is  $88.1173, -4.7017, 4.7876$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $63.8456, 4.1867, -7.9825$  is the 20% darker color. If you saturate the color by 10%, you get  $78.3741, 12.0711, -19.9154$ , and if you desaturate by 10%, it is  $96.6422, -4.2665, 3.9887$ .

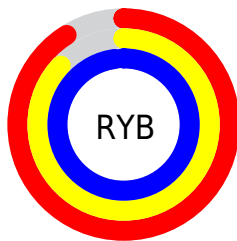
# Distribution



Red (91%)

Green (87%)

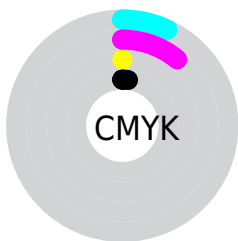
Blue (98%)



Red (91%)

Yellow (87%)

Blue (98%)

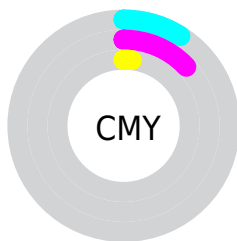


Cyan (7%)

Magenta (11%)

Yellow (0%)

Black (2%)



Cyan (9%)

Magenta (13%)

Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 87.3501, 3.7823, -7.4980 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 87.3501, 3.7823, -7.4980 by changing the saturation by 10% instead.



87.3501, 3.7823,  
-7.4980

87.3501, 3.7823,  
-7.4980

219.6330, -0.3435,  
-4.2026

75.2871, 4.0320,  
-7.6415

113.2060, 3.1348,  
-7.0551

63.8354, 4.2309,  
-7.7311

126.9469, 2.7473,  
-6.7652

53.0316, 4.3715,  
-7.7604

141.2027, 2.3202,  
-6.4328

42.9171, 4.4474,  
-7.7240

155.9554, 1.8556,  
-6.0601

33.5426, 4.4495,  
-7.6154

171.1889, 1.3554,  
-5.6491

24.9719, 4.3656,  
-7.4278

186.8885, 0.8211,

17.2890, 4.1781,

-5.2014

-7.1562

203.0406, 0.2544,  
-4.7188

■ 10.6115, 3.8592,  
-6.8080

■ 0.0378, 982.5137,  
-1357.8774

■ 87.3501, 3.7823,  
-7.4980

■ 87.3501, 3.7823,  
-7.4980

■ 78.3741, 12.0711,  
-19.9154

■ 96.6422, -4.2665,  
3.9887

■ 69.7629, 20.6624,  
-33.5168

■ 99.8410, -6.2076,  
7.7035

■ 61.5910, 29.6022,  
-48.5943

■ 53.9586, 38.8955,  
-65.4500

■ 47.0028, 48.4269,  
-84.2760

■ 40.9086, 57.8083,  
-104.8628

■ 35.9057, 66.1578,  
-126.0638

■ 32.2248, 72.0266,  
-145.2884

■ 30.0655, 74.4446,  
-158.5278

# Harmonies

## Analogous

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



87.3520, -3.5051, -10.2786



87.3501, 3.7823, -7.4980



87.3520, 8.9323, -1.4385

# Triad

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



87.3520, 3.7804, -7.4964



87.3520, 1.7094, 16.4043



87.3520, -18.7690, 3.6466

# Complementary

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



87.3501, 3.7823, -7.4980



96.0064, -13.1202, 16.2487

# 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.



87.3520, -17.4794, 10.5254



87.3501, 3.7823, -7.4980



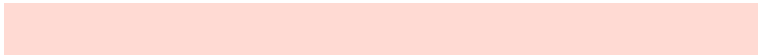
87.3520, -5.8199, 17.5152

# Square

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



87.3520, 3.7804, -7.4964



87.3520, 7.7083, 12.2793



87.3520, -12.8023, 15.4540



87.3520, -16.3868, -3.5050



# Rectangle

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



87.3501, 3.7823, -7.4980



87.3520, 10.3718, 3.4209



87.3520, -12.8023, 15.4540



87.3520, -18.7499, 6.0680

# Sweetspot

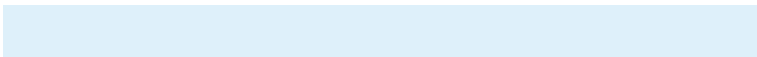
The Sweet Spot groups the original color and five complimentary colors.



87.3520, 3.7804, -7.4964



97.1055, -2.8942, 2.0204



92.1261, -8.9262, -1.5957



44.5696, -1.0357, 0.5073

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



87.3520, 3.7804, -7.4964



87.6484, 5.3854, -9.8949



88.7156, 8.3569, -5.6324



41.1637, 1.1084, -2.5372



22.0632, 54.3771, -114.3713



7.1273, 16.9631, -32.2727



# Inverse Universe

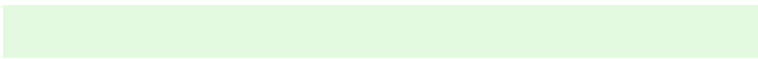
The Inverse Universe completely reimagines the original color for something new.



88.8038, 7.9629, -0.1825



89.3889, 10.3572, -1.0656



94.7882, -17.4880, 14.8731



41.7291, 2.7496, 0.2929



34.8839, 63.7196, -8.3099

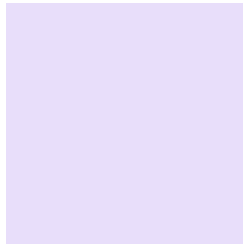


10.7110, 19.7321, -3.8473



# Previews

## White Background



This preview shows how the HunterLab color 87.3501, 3.7823, -7.4980 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

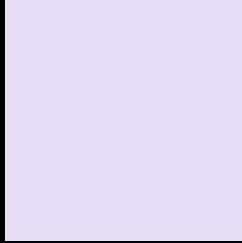
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 87.3501, 3.7823, -7.4980 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

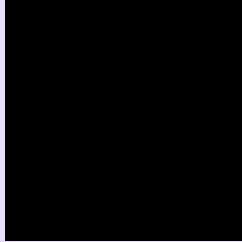
Any Text WCAG AA ✓ Pass

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 87.3501, 3.7823, -7.4980 Background



This preview shows how black text looks on a background with the HunterLab color 87.3501, 3.7823, -7.4980.



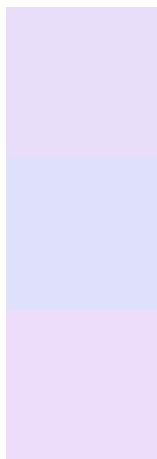
This preview shows how white text looks on a background with the HunterLab color 87.3501, 3.7823, -7.4980.

-7.4980.

# 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

87.3501, 3.7823, -7.4980

### Protanopia

87.5024, -0.2816, -8.4886

### Deuteranopia

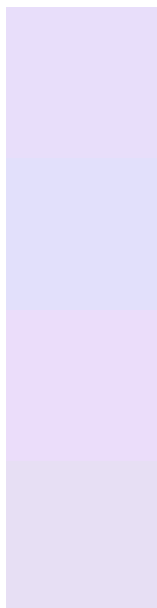
87.2313, 6.4919, -7.6074



## Tritanopia

87.2440, 1.2218, -2.7740

# Trichromacy



## Original Color

87.3501, 3.7823, -7.4980

## Protanomaly

87.4329, 0.9924, -7.9967

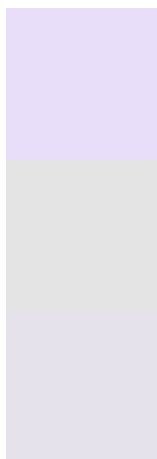
## Deuteranomaly

87.3368, 5.2958, -7.4891

## Tritanomaly

87.3475, 1.7817, -4.2413

# Monochromacy



## Original Color

87.3501, 3.7823, -7.4980

## Achromatopsia

88.0808, -4.6998, 4.7856

## Achromatomaly

87.8105, -1.9213, 0.4927

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 87.3501, 3.7823, -7.4980 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, 222, 250)` looks like.

```
.text, #text, p{  
    color:rgb(232, 222, 250)  
}
```

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, 222, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 222, 250) }
```

## Border

The CSS property to change the border of an element to HunterLab 87.3501, 3.7823, -7.4980 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, 222, 250) }
```



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

```
.border{ border-color:rgb(232, 222, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 222, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 222, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 222, 250);  
box-shadow:4px 4px 4px 4px rgb(232, 222,  
250) }
```

# Background

The CSS property to change the background color of an element to HunterLab 87.3501, 3.7823, -7.4980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 222, 250) }
```

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

```
.background{ background-color: rgb(232,  
222, 250) }
```

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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