

# Converting Colors

HunterLab(86.1872, -2.4743,  
-3.6461)

Have a look what the booklet for  
HunterLab(86.1872, -2.4743,  
-3.6461) contains.

<b>HunterLab(86.1872, -2.4743, -3.6461)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(86.1872, -2.4743,  
-3.6461)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DCDFF0
RGB	220, 223, 240
RGB Percent	86%, 87%, 94%
CMY	0.1372, 0.1255, 0.0588
CMYK	0.08, 0.07, 0.00, 0.06
HSL	231°, 40%, 90%
HSV	231°, 8%, 94%
XYZ	71.6311, 74.2823, 93.0007
YIQ	224.0410, -7.2450, 4.6510

# Conversions

## Conversions Part 2

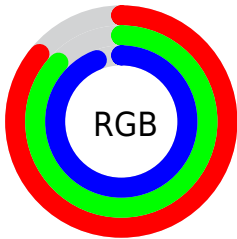
Format	Color
R <sub>Y</sub> B	220, 223, 240
Decimal	14475248
CIE Lab	89.06, 2.19, -8.63
CIE LCh	89, 8.901, 284.213
Yxy	74.2855, 0.2998, 0.3109
Android (android.graphics.Color)	4292665328 (0xFFDCDFF0)
YUV	224.0410, 7.8678, -3.5440
Hunter-Lab	86.1872, -2.4743, -3.6461

# Details

The HunterLab color  $86.1872, -2.4743, -3.6461$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $91.7935, -6.7482, 12.7092$ , and the grayscale version is  $86.3254, -4.6061, 4.6902$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $62.8214, -1.4777, -4.1139$  is the 20% darker color. If you saturate the color by 10%, you get  $77.8170, 0.8949, -14.8457$ , and if you desaturate by 10%, it is  $94.7980, -5.4535, 6.7582$ .

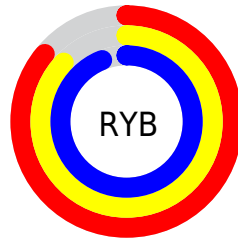
# Distribution



Red (86%)

Green (87%)

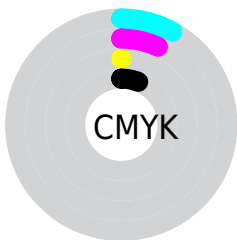
Blue (94%)



Red (86%)

Yellow (87%)

Blue (94%)

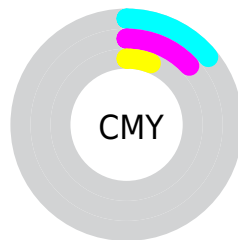


Cyan (8%)

Magenta (7%)

Yellow (0%)

Black (6%)



Cyan (14%)

Magenta (13%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1872, -2.4743, -3.6461 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 86.1872, -2.4743, -3.6461 by changing the saturation by 10% instead.



86.1872, -2.4743,  
-3.6461

86.1872, -2.4743,  
-3.6461

218.0500, -8.7540,  
0.7542

74.1807, -1.9375,  
-3.9308

111.9377, -3.6595,  
-2.9340

62.7885, -1.4373,  
-4.1660

125.6290, -4.3005,  
-2.5153

52.0477, -0.9783,  
-4.3458

139.8370, -4.9724,  
-2.0576

42.0007, -0.5643,  
-4.4646

154.5436, -5.6739,  
-1.5628

32.6990, -0.1997,  
-4.5153

169.7324, -6.4037,  
-1.0328

24.2080, 0.1092,  
-4.4893

185.3886, -7.1610,

16.6142, 0.3534,

-0.4690

-4.3757

201.4986, -7.9447,  
0.1271

■ 10.0395, 0.5188,  
-4.1639

0.0000, NaN, -NF

■ 86.1872, -2.4743,  
-3.6461

■ 86.1872, -2.4743,  
-3.6461

■ 77.8170, 0.8949,  
-14.8457

■ 94.7980, -5.4535,  
6.7582

■ 69.7175, 4.7656,  
-27.0660

■ 99.5346, -7.8914,  
12.0878

■ 61.9382, 9.2747,  
-40.5861

■ 54.5440, 14.5978,  
-55.7473

■ 47.6249, 20.9432,  
-72.9188

■ 41.3075, 28.5118,  
-92.3751

■ 35.7669, 37.3719,  
-113.9641

■ 31.2293, 47.1727,  
-136.4447

■ 27.9235, 56.7279,  
-156.8442

# Harmonies

## Analogous

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



86.1890, -6.9368, -3.5806



86.1872, -2.4743, -3.6461



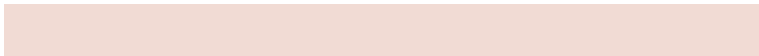
86.1890, 1.4921, -1.3971

# Triad

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



86.1890, -2.4761, -3.6446



86.1890, 1.6643, 10.2175



86.1890, -12.7448, 6.8933

# Complementary

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



86.1872, -2.4743, -3.6461



91.7935, -6.7482, 12.7092

# 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.



86.1890, -10.5342, 10.3659



86.1872, -2.4743, -3.6461



86.1890, -2.2450, 12.2172

# Square

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



86.1890, -2.4761, -3.6446



86.1890, 3.9155, 6.6813



86.1890, -6.7104, 12.2701



86.1890, -12.8038, 2.6532



# Rectangle

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



86.1872, -2.4743, -3.6461



86.1890, 3.2987, 1.0464



86.1890, -6.7104, 12.2701



86.1890, -12.2308, 8.1840

# Sweetspot

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



86.1890, -2.4761, -3.6446



98.1383, -4.7135, 3.2328



91.4506, -11.8640, 4.3638



45.4459, -2.1951, 1.5464

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.1890, -2.4761, -3.6446



90.7881, -2.0713, -5.8776



85.8813, 1.2191, -3.9728



39.5117, -0.9795, -2.2627



20.6257, 41.9231, -116.2801



6.8511, 9.0545, -28.1092



# Inverse Universe

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



86.6262, 2.6371, 5.6405



91.3662, 4.5169, 6.1920



92.1241, -10.4856, 13.0045



39.7461, 1.7145, 2.6583



31.9731, 55.0108, 18.6772

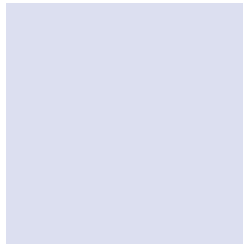


9.2849, 16.0995, 4.4585



# Previews

## White Background



This preview shows how the HunterLab color 86.1872, -2.4743, -3.6461 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

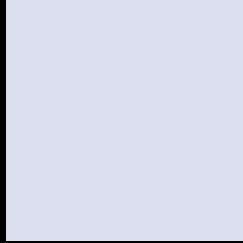
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1872, -2.4743, -3.6461 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

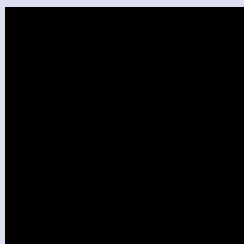
Any Text WCAG AA ✓ Pass

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 86.1872, -2.4743, -3.6461 Background



This preview shows how black text looks on a background with the HunterLab color 86.1872, -2.4743, -3.6461.



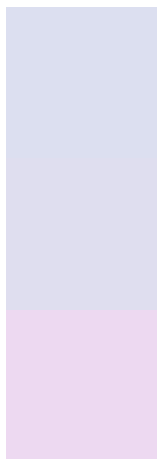
This preview shows how white text looks on a background with the HunterLab color 86.1872, -2.4743,

-3.6461.

# 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

86.1872, -2.4743, -3.6461

### Protanopia

86.1177, -1.1932, -3.1775

### Deuteranopia

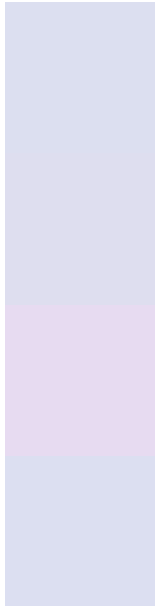
86.0123, 6.4014, -4.2522



## Tritanopia

86.2217, -2.2858, -4.1358

# Trichromacy



## Original Color

86.1872, -2.4743, -3.6461

## Protanomaly

86.0257, -1.5098, -3.2999

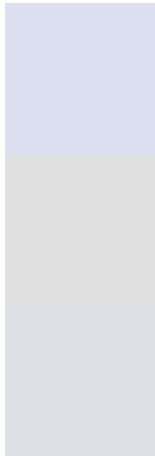
## Deuteranomaly

86.0249, 3.3447, -4.2895

## Tritanomaly

86.2217, -2.2858, -4.1358

# Monochromacy



## Original Color

86.1872, -2.4743, -3.6461

## Achromatopsia

86.3368, -4.6067, 4.6908

## Achromatomaly

86.4364, -3.8772, 1.8425

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1872, -2.4743, -3.6461 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(220, 223, 240)` looks like.

```
.text, #text, p{  
    color:rgb(220, 223, 240)  
}
```

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(220, 223, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 223, 240) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1872, -2.4743, -3.6461 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(220, 223, 240) }
```



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

```
.border{ border-color:rgb(220, 223, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 223, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 223, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 223, 240);  
box-shadow:4px 4px 4px 4px rgb(220, 223,  
240) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1872, -2.4743, -3.6461 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 223, 240) }
```

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

```
.background{ background-color: rgb(220,  
223, 240) }
```

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