

# Converting Colors

HunterLab(84.1168, 0.1952,  
-8.4912)

Have a look what the booklet for  
HunterLab(84.1168, 0.1952, -8.4912)  
contains.

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# Color

**HunterLab(84.1168, 0.1952,  
-8.4912)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D8D9F4
RGB	216, 217, 244
RGB Percent	85%, 85%, 96%
CMY	0.1529, 0.1490, 0.0431
CMYK	0.11, 0.11, 0.00, 0.04
HSL	238°, 56%, 90%
HSV	238°, 11%, 96%
XYZ	69.4610, 70.7564, 95.5844
YIQ	219.7790, -9.2630, 8.1850

# Conversions

## Conversions Part 2

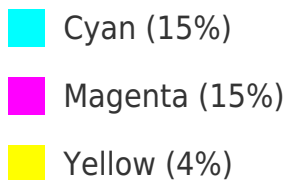
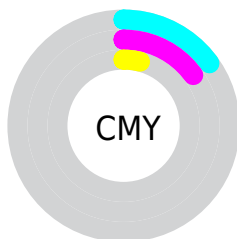
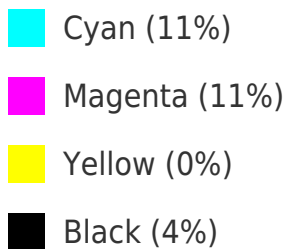
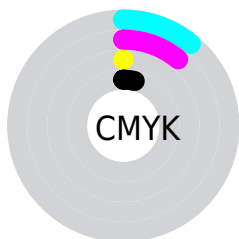
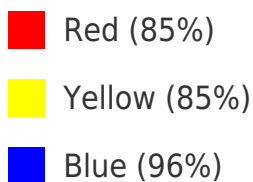
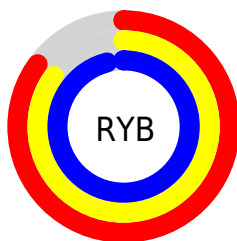
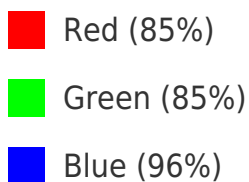
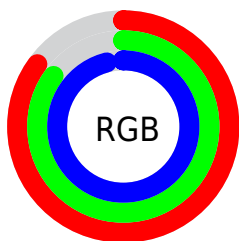
Format	Color
<a href="#">RYB</a>	<a href="#">216, 217, 244</a>
Decimal	<a href="#">14211572</a>
CIELab	<a href="#">87.37, 4.82, -13.28</a>
CIELCh	<a href="#">87, 14.131, 289.963</a>
Yxy	<a href="#">70.7593, 0.2946, 0.3001</a>
Android (android.graphics.Color)	<a href="#">4292401652</a> (0xFFD8D9F4)
YUV	<a href="#">219.7790, 11.9410, -3.3142</a>
Hunter-Lab	<a href="#">84.1168, 0.1952, -8.4912</a>

# Details

The HunterLab color  $84.1168, 0.1952, -8.4912$  is a light color, and the websafe version is hex `CCCCFF`. A complement of this color would be  $93.9637, -9.1310, 16.7465$ , and the grayscale version is  $84.4572, -4.5064, 4.5887$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $60.8675, 1.0946, -8.8184$  is the 20% darker color. If you saturate the color by 10%, you get  $74.8587, 5.2541, -21.5692$ , and if you desaturate by 10%, it is  $93.6808, -4.4246, 3.4794$ .

# Distribution





# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.1168, 0.1952, -8.4912 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 84.1168, 0.1952, -8.4912 by changing the saturation by 10% instead.




 84.1168, 0.1952,  
-8.4912

 84.1168, 0.1952,  
-8.4912

215.2235, -5.1177,  
-5.5609

 72.2121, 0.6022,  
-8.5865

109.6772, -0.7472,  
-8.1393

 60.9273, 0.9654,  
-8.6257


123.2793, -1.2742,  
-7.8924

 50.3005, 1.2790,  
-8.6023


137.4014, -1.8362,  
-7.6015

 40.3755, 1.5378,  
-8.5108

152.0250, -2.4315,  
-7.2690

 31.2057, 1.7348,  
-8.3451

167.1334, -3.0585,  
-6.8969

 22.8595, 1.8601,  
-8.0995


182.7116, -3.7160,

 15.4279, 1.8993,


-6.4871


-7.7735

198.7459, -4.4028,  
-6.0413


 9.0315, 1.8660,  
-7.4151


0.0000, NaN, -NF


 84.1168, 0.1952,  
-8.4912


 84.1168, 0.1952,  
-8.4912


 74.8587, 5.2541,  
-21.5692

 93.6808, -4.4246,  
3.4794

 65.9552, 10.8967,  
-36.1078

 99.6553, -7.2276,  
10.3593

 57.4831, 17.3033,  
-52.5557

 49.5505, 24.6930,  
-71.4471

■ 42.3156, 33.2735,  
-93.2649

■ 36.0096, 43.0652,  
-117.9800

■ 30.9499, 53.4733,  
-143.9540

■ 27.4913, 62.7172,  
-166.5507

■ 25.9257, 67.7114,  
-178.5744

# Harmonies

## Analogous

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



84.1186, -6.8464, -9.1598



84.1168, 0.1952, -8.4912



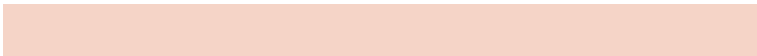
84.1186, 6.1581, -4.1617

# Triad

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



84.1186, 0.1935, -8.4897



84.1186, 4.4217, 13.8804



84.1186, -17.4508, 6.7991

# Complementary

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



84.1168, 0.1952, -8.4912



93.9637, -9.1310, 16.7465

# 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.



84.1186, -14.6389, 12.4717



84.1168, 0.1952, -8.4912



84.1186, -2.1131, 16.3312

# Square

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



84.1186, 0.1935, -8.4897



84.1186, 8.6545, 8.8706



84.1186, -9.0789, 15.8376



84.1186, -16.8792, 0.0482



# Rectangle

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



84.1168, 0.1952, -8.4912



84.1186, 8.6481, 0.0316



84.1186, -9.0789, 15.8376



84.1186, -16.8736, 8.8855

# Sweetspot

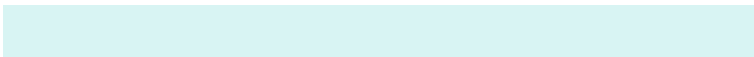
The Sweet Spot groups the original color and five complimentary colors.



84.1186, 0.1935, -8.4897



96.9338, -3.9334, 1.7941



92.6005, -14.0312, 2.7245



44.4689, -1.6438, 0.3736

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



84.1186, 0.1935, -8.4897



85.9170, 1.5150, -12.3192



84.9925, 4.7279, -7.2515



40.0272, -0.3517, -2.8076



19.2257, 49.4624, -130.8055



5.9812, 13.5023, -36.6236



# Inverse Universe

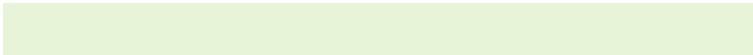
The Inverse Universe completely reimagines the original color for something new.



85.6483, 5.1526, 7.4207



87.9078, 7.8834, 8.3674



93.1215, -13.7723, 15.7756



40.6105, 1.5579, 3.2638



32.3613, 55.4648, 20.5611

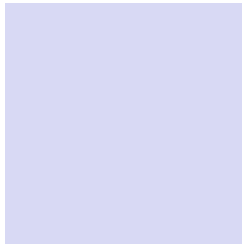


9.6112, 16.5074, 5.8393



# Previews

## White Background



This preview shows how the HunterLab color 84.1168, 0.1952, -8.4912 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

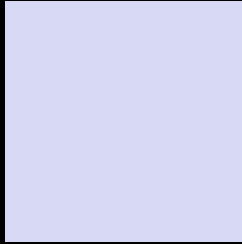
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.1168, 0.1952, -8.4912 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

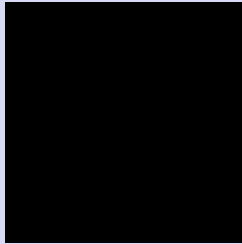
Any Text WCAG AA ✓ Pass

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 84.1168, 0.1952, -8.4912 Background



This preview shows how black text looks on a background with the HunterLab color 84.1168, 0.1952, -8.4912.



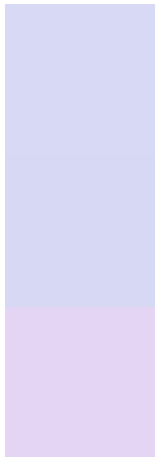
This preview shows how white text looks on a background with the HunterLab color 84.1168, 0.1952, -8.4912.

-8.4912.

# 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

84.1168, 0.1952, -8.4912

### Protanopia

84.0264, -0.1141, -8.6171

### Deuteranopia

84.0685, 6.3302, -9.0112



## Tritanopia

84.0512, -2.1762, -4.2248

# Trichromacy



## Original Color

84.1168, 0.1952, -8.4912

## Protanomaly

84.0264, -0.1141, -8.6171

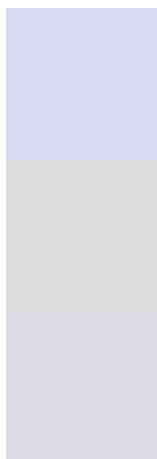
## Deuteranomaly

83.9839, 4.5026, -9.1566

## Tritanomaly

84.1557, -1.6067, -5.7044

# Monochromacy



## Original Color

84.1168, 0.1952, -8.4912

## Achromatopsia

84.5987, -4.5140, 4.5964

## Achromatomaly

84.4868, -2.7315, -0.0085

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.1168, 0.1952, -8.4912 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(216, 217, 244) looks like.

```
.text, #text, p{  
    color:rgb(216, 217, 244)  
}
```

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(216, 217, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 217, 244) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.1168, 0.1952, -8.4912 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(216, 217, 244) }
```



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

```
.border{ border-color:rgb(216, 217, 244) }
```

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

Here you see how a box with a 4 pixel rgb(216, 217, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 217, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 217, 244);  
box-shadow:4px 4px 4px 4px rgb(216, 217,  
244) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.1168, 0.1952, -8.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 217, 244) }
```

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

```
.background{ background-color: rgb(216,  
217, 244) }
```

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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