

# Converting Colors

HunterLab(78.8470, -4.2135,  
4.2864)

Have a look what the booklet for  
HunterLab(78.8470, -4.2135, 4.2864)  
contains.

<b>HunterLab(78.9912, -4.2148, 4.2917)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(78.9912, -4.2148,  
4.2917)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	CFCFCF
RGB	207, 207, 207
RGB Percent	81%, 81%, 81%
CMY	0.1882, 0.1882, 0.1882
CMYK	0.00, 0.00, 0.00, 0.19
HSL	124°, 0%, 81%
HSV	124°, 0%, 81%
XYZ	59.3075, 62.3961, 67.9494
YIQ	207.0000, 0.0000, -0.0000

# Conversions

## Conversions Part 2

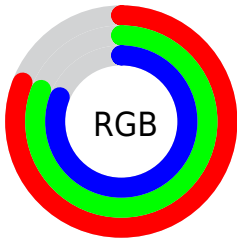
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	207, 207, 207
Decimal	13619151
CIE Lab	83.13, 0.00, -0.01
CIE LCh	83, 0.008, 288.759
Yxy	62.3988, 0.3127, 0.3290
Android (android.graphics.Color)	4291809231 (0xFFCFCFCF)
YUV	207.0000, 0.0000, 0.0000
Hunter-Lab	78.9912, -4.2148, 4.2917

# Details

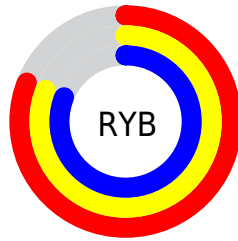
The HunterLab color  $78.9912, -4.2148, 4.2917$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $78.9922, -4.2130, 4.2907$ , and the grayscale version is  $78.9927, -4.2149, 4.2918$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $56.4399, -3.0115, 3.0665$  is the 20% darker color. If you saturate the color by 10%, you get  $76.6340, -13.7013, 10.2538$ , and if you desaturate by 10%, it is  $81.5934, 5.9036, -2.0020$ .

# Distribution



- Red (81%)
- Green (81%)
- Blue (81%)



- Red (81%)
- Yellow (81%)
- Blue (81%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (19%)



- Cyan (19%)
- Magenta (19%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 78.9912, -4.2148, 4.2917 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 78.9912, -4.2148, 4.2917 by changing the saturation by 10% instead.



■ 78.9912, -4.2148,  
4.2917

■ 78.9912, -4.2148,  
4.2917

208.1788,  
-11.1157, 11.3223

■ 67.3461, -3.5947,  
3.6594

104.0681, -5.5557,  
5.6572

■ 56.3357, -3.0068,  
3.0604

117.4434, -6.2700,  
6.3850

■ 46.0009, -2.4549,  
2.4982

131.3472, -7.0125,  
7.1415

■ 36.3890, -1.9417,  
1.9755

145.7602, -7.7822,  
7.9257

■ 27.5592, -1.4703,  
1.4953

160.6648, -8.5782,  
8.7368

■ 19.5882, -1.0447,  
1.0619

176.0455, -9.3996,

■ 12.5809, -0.6706,

9.5737

0.6811

191.8878,  
-10.2457, 10.4358

■ 5.8818, -0.3122,  
0.3148

0.0000, NaN, NaN

■ 78.9912, -4.2148,  
4.2917

■ 78.9912, -4.2148,  
4.2917

■ 76.6340, -13.7013,  
10.2538

■ 81.5934, 5.9036,  
-2.0020

■ 74.5269, -22.4441,  
15.8145

■ 84.4238, 16.5575,  
-8.5690

■ 72.6792, -30.3405,  
20.9079

■ 85.5033, 20.7291,  
-12.5536

■ 71.0961, -37.2943,  
25.4705

■ 69.7785, -43.2266,  
29.4466

■ 68.7230, -48.0842,  
32.7943

■ 67.9208, -51.8483,  
35.4898

■ 67.3568, -54.5416,  
37.5321

■ 67.0086, -56.2361,  
38.9459

# Harmonies

## Analogous

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



78.9929, -4.2206, 4.2927



78.9912, -4.2148, 4.2917



78.9929, -4.2134, 4.2950

# Triad

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



78.9929, -4.2167, 4.2930



78.9929, -4.2141, 4.3052



78.9929, -4.2265, 4.3012

# Complementary

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



78.9912, -4.2148, 4.2917



78.9922, -4.2130, 4.2907

# 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.



78.9929, -4.2248, 4.3046



78.9912, -4.2148, 4.2917



78.9929, -4.2176, 4.3069

# Square

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



78.9929, -4.2167, 4.2930



78.9929, -4.2119, 4.3021



78.9929, -4.2215, 4.3066



78.9929, -4.2263, 4.2975



# Rectangle

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



78.9912, -4.2148, 4.2917



78.9929, -4.2120, 4.2972



78.9929, -4.2215, 4.3066



78.9929, -4.2262, 4.3024

# Sweetspot

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



78.9929, -4.2167, 4.2930

100.0000, -5.3358, 5.4332



78.9932, -4.2156, 4.2935



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



78.9929, -4.2167, 4.2930

100.0000, -5.3358, 5.4332



78.9930, -4.2163, 4.2922



37.4146, -1.9963, 2.0328



53.0504, -45.3071, 31.4967



12.5643, -10.5882, 7.1527



# Inverse Universe

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



78.9922, -4.2130, 4.2907

100.0000, -5.3358, 5.4332



78.9921, -4.2133, 4.2915



37.4146, -1.9963, 2.0328



32.7996, 63.4883, -35.5335



7.7852, 15.1148, -8.7868



# Previews

## White Background



This preview shows how the HunterLab color 78.9912, -4.2148, 4.2917 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 78.9912, -4.2148, 4.2917 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

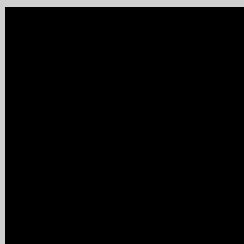
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

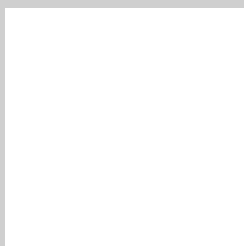
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 78.9912, -4.2148, 4.2917 Background



This preview shows how black text looks on a background with the HunterLab color 78.9912, -4.2148, 4.2917.



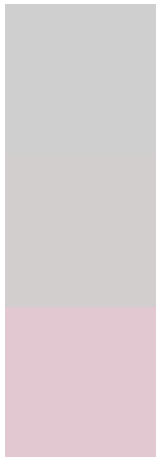
This preview shows how white text looks on a background with the HunterLab color 78.9912, -4.2148,



# 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

78.9912, -4.2148, 4.2917

### Protanopia

79.0239, -2.5918, 4.8381

### Deuteranopia

78.7600, 5.8663, 3.7117



## Tritanopia

79.0180, -0.0840, -2.6389

# Trichromacy



## Original Color

78.9912, -4.2148, 4.2917

## Protanomaly

78.9307, -2.9143, 4.7232

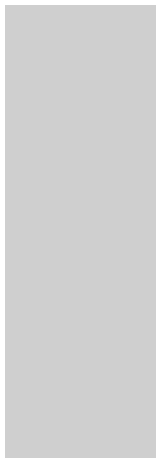
## Deuteranomaly

78.9468, 1.9232, 3.8641

## Tritanomaly

79.0635, -1.8203, -0.0313

# Monochromacy



## Original Color

78.9912, -4.2148, 4.2917

## Achromatopsia

78.9912, -4.2148, 4.2917

## Achromatomaly

78.9912, -4.2148, 4.2917

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 78.9912, -4.2148, 4.2917 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(207, 207, 207)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 207)  
}
```

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(207, 207, 207) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 207) }
```

## Border

The CSS property to change the border of an element to HunterLab 78.9912, -4.2148, 4.2917 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(207, 207, 207) }
```

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

```
.border{ border-color:rgb(207, 207, 207) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 207)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 207); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 207);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
207) }
```



# Background

The CSS property to change the background color of an element to HunterLab 78.9912, -4.2148, 4.2917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 207) }
```

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

```
.background{ background-color: rgb(207,  
207, 207) }
```

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