

# Converting Colors

HunterLab(88.7420, -4.7385,  
4.8272)

Have a look what the booklet for  
HunterLab(88.7420, -4.7385, 4.8272)  
contains.

<b>HunterLab(88.9549, -4.7464, 4.8331)</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> .....	23
<i><b>Color Blindness Simulation</b></i> .....	27
<i><b>CSS Examples</b></i> .....	30

# Color

**HunterLab(88.9549, -4.7464,  
4.8331)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	E6E6E6
RGB	230, 230, 230
RGB Percent	90%, 90%, 90%
CMY	0.0980, 0.0980, 0.0980
CMYK	0.00, 0.00, 0.00, 0.10
HSL	121°, 0%, 90%
HSV	121°, 0%, 90%
XYZ	75.2128, 79.1297, 86.1723
YIQ	230.0000, -0.0000, 0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	230, 230, 230
Decimal	15132390
CIE Lab	91.29, 0.00, -0.01
CIE LCh	91, 0.009, 289.157
Yxy	79.1331, 0.3127, 0.3290
Android (android.graphics.Color)	4293322470 (0xFFE6E6E6)
YUV	230.0000, 0.0000, 0.0000
Hunter-Lab	88.9549, -4.7464, 4.8331

# Details

The HunterLab color  $88.9549, -4.7464, 4.8331$  is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be  $88.9561, -4.7445, 4.8318$ , and the grayscale version is  $88.9566, -4.7465, 4.8332$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $65.4745, -3.4936, 3.5574$  is the 20% darker color. If you saturate the color by 10%, you get  $86.2431, -15.7263, 12.1806$ , and if you desaturate by 10%, it is  $91.9547, 6.9900, -3.0082$ .

# Distribution



- Red (90%)
- Green (90%)
- Blue (90%)



- Red (90%)
- Yellow (90%)
- Blue (90%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (10%)



- Cyan (10%)
- Magenta (10%)
- Yellow (10%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 88.9549, -4.7464, 4.8331 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 88.9549, -4.7464, 4.8331 by changing the saturation by 10% instead.



■ 88.9549, -4.7464,  
4.8331

■ 88.9549, -4.7464,  
4.8331

221.8122,  
-11.8434, 12.0635

■ 76.8149, -4.1001,  
4.1740

114.9549, -6.1368,  
6.2490

■ 65.2820, -3.4843,  
3.5466

128.7635, -6.8742,  
7.0003

■ 54.3921, -2.9028,  
2.9542

143.0846, -7.6390,  
7.7795

■ 44.1858, -2.3578,  
2.3991

157.9004, -8.4303,  
8.5857

■ 34.7122, -1.8520,  
1.8839

173.1951, -9.2470,  
9.4179

■ 26.0333, -1.3886,  
1.4120

188.9539,

■ 18.2297, -0.9720,

-10.0886, 10.2755

0.9878

205.1637,  
-10.9543, 11.1575

■ 11.4137, -0.6082,  
0.6174

■ 3.7856, -0.1989,  
0.1971

■ 88.9549, -4.7464,  
4.8331

■ 88.9549, -4.7464,  
4.8331

■ 86.2431, -15.7263,  
12.1806

■ 91.9547, 6.9900,  
-3.0082

■ 83.8257, -25.8150,  
18.9438

■ 92.2370, 8.0890,  
-3.8363

■ 81.7140, -34.8878,  
25.0389

■ 79.9138, -42.8299,  
30.3879

■ 78.4260, -49.5481,  
34.9271

■ 77.2460, -54.9827,  
38.6146

■ 76.3624, -59.1175,  
41.4374

■ 75.7561, -61.9897,  
43.4173

■ 75.3986, -63.6989,  
44.6170

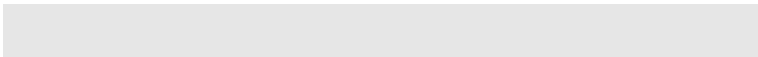
# Harmonies

## Analogous

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



88.9568, -4.7529, 4.8342



88.9549, -4.7464, 4.8331



88.9568, -4.7448, 4.8369

# Triad

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



88.9568, -4.7485, 4.8345



88.9568, -4.7457, 4.8483



88.9568, -4.7596, 4.8437

# Complementary

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



88.9549, -4.7464, 4.8331



88.9561, -4.7445, 4.8318

# 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.



88.9568, -4.7577, 4.8474



88.9549, -4.7464, 4.8331



88.9568, -4.7497, 4.8501

# Square

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



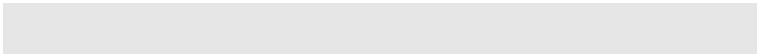
88.9568, -4.7485, 4.8345



88.9568, -4.7432, 4.8448



88.9568, -4.7541, 4.8498



88.9568, -4.7593, 4.8395



# Rectangle

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



88.9549, -4.7464, 4.8331



88.9568, -4.7433, 4.8393



88.9568, -4.7541, 4.8498



88.9568, -4.7592, 4.8450

# Sweetspot

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



88.9568, -4.7485, 4.8345

100.0000, -5.3358, 5.4332



88.9572, -4.7472, 4.8350



46.2646, -2.4686, 2.5136

0.0000, NaN, NaN

# Same Dimension

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



88.9568, -4.7485, 4.8345

100.0000, -5.3358, 5.4332



88.9569, -4.7482, 4.8337



41.3092, -2.2042, 2.2444



56.6075, -48.5158, 33.9771



15.3909, -13.1712, 9.1956



# Inverse Universe

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



88.9561, -4.7445, 4.8318

100.0000, -5.3358, 5.4332



88.9560, -4.7448, 4.8327



41.3092, -2.2042, 2.2444



35.6170, 69.8713, -45.7911



9.6864, 19.0085, -12.5029



# Previews

## White Background



This preview shows how the HunterLab color 88.9549, -4.7464, 4.8331 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 88.9549, -4.7464, 4.8331 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

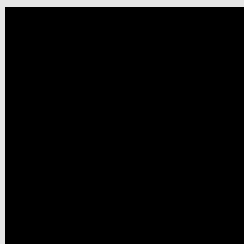
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

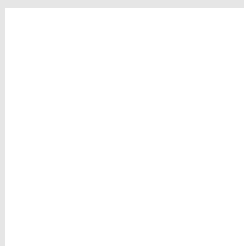
If you want to check with other color combinations, try the [Color Contrast Checker](#).



## HunterLab 88.9549, -4.7464, 4.8331 Background



This preview shows how black text looks on a background with the HunterLab color 88.9549, -4.7464, 4.8331.



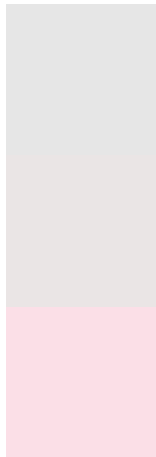
This preview shows how white text looks on a background with the HunterLab color 88.9549, -4.7464,

4.8331.

# 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

88.9549, -4.7464, 4.8331

### Protanopia

88.9877, -3.0923, 5.3898

### Deuteranopia

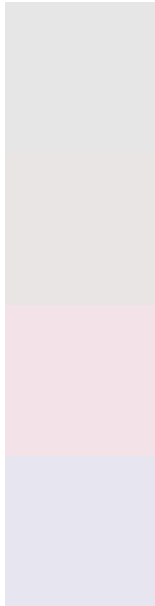
88.9124, 6.2057, 4.4823



## Tritanopia

89.0485, -0.1703, -3.1834

# Trichromacy



## Original Color

88.9549, -4.7464, 4.8331

## Protanomaly

88.8929, -3.4208, 5.2729

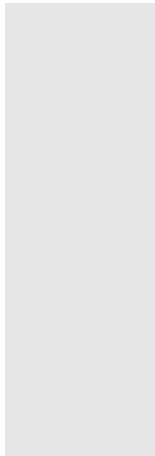
## Deuteranomaly

89.0039, 1.8424, 4.5142

## Tritanomaly

89.0611, -2.1266, -0.0391

# Monochromacy



## Original Color

88.9549, -4.7464, 4.8331

## Achromatopsia

88.9549, -4.7464, 4.8331

## Achromatomaly

88.9549, -4.7464, 4.8331

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 88.9549, -4.7464, 4.8331 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(230, 230, 230)` looks like.

```
.text, #text, p{  
    color:rgb(230, 230, 230)  
}
```

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(230, 230, 230) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 230, 230) }
```

## Border

The CSS property to change the border of an element to HunterLab 88.9549, -4.7464, 4.8331 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(230, 230, 230) }
```

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

```
.border{ border-color:rgb(230, 230, 230) }
```

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

Here you see how a box with a 4 pixel rgb(230, 230, 230) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 230, 230); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 230, 230);  
box-shadow:4px 4px 4px 4px rgb(230, 230,  
230) }
```



# Background

The CSS property to change the background color of an element to HunterLab 88.9549, -4.7464, 4.8331 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 230, 230) }
```

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

```
.background{ background-color: rgb(230,  
230, 230) }
```

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