

# Converting Colors

HunterLab(48.0343, 5.0783,  
4.9954)

Have a look what the booklet for  
HunterLab(48.0343, 5.0783, 4.9954)  
contains.

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# Color

**HunterLab(47.8937, 5.1471,  
4.7456)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	967E7F
RGB	150, 126, 127
RGB Percent	59%, 49%, 50%
CMY	0.4118, 0.5059, 0.5020
CMYK	0.00, 0.16, 0.15, 0.41
HSL	358°, 10%, 54%
HSV	358°, 16%, 59%
XYZ	23.8693, 22.9381, 23.2481
YIQ	133.2900, 13.9830, 5.3990

# Conversions

## Conversions Part 2

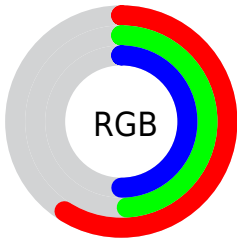
<b>Format</b>	<b>Color</b>
<b>RYB</b>	150, 126, 127
Decimal	9862783
CIELab	55.01, 9.38, 2.89
CIELCh	55, 9.818, 17.129
Yxy	22.9391, 0.3407, 0.3274
Android (android.graphics.Color)	4288052863 (0xFF967E7F)
YUV	133.2900, -3.1010, 14.6547
Hunter-Lab	47.8937, 5.1471, 4.7456

# Details

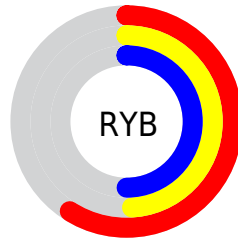
The HunterLab color  $47.8937, 5.1471, 4.7456$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $53.3093, -9.7951, 1.0521$ , and the grayscale version is  $48.5540, -2.5907, 2.6380$ .

A 20% lighter version of the original color is  $69.5506, 4.7115, 6.1294$ , and  $29.1727, 5.0848, 3.4163$  is the 20% darker color. If you saturate the color by 10%, you get  $43.6321, 10.4643, 5.9903$ , and if you desaturate by 10%, it is  $52.4112, 0.0286, 3.6224$ .

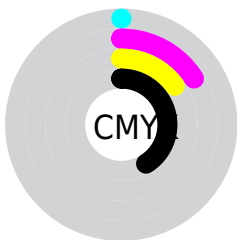
# Distribution



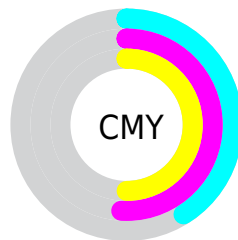
- Red (59%)
- Green (49%)
- Blue (50%)



- Red (59%)
- Yellow (49%)
- Blue (50%)



- Cyan (0%)
- Magenta (16%)
- Yellow (15%)
- Black (41%)



- Cyan (41%)
- Magenta (51%)
- Yellow (50%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 47.8937, 5.1471, 4.7456 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 47.8937, 5.1471, 4.7456 by changing the saturation by 10% instead.



47.8937, 5.1471,  
4.7456

47.8937, 5.1471,  
4.7456

163.5274, 2.6704,  
12.1657

38.1425, 5.1390,  
4.0515

69.4934, 4.9516,  
6.2174

29.1602, 5.0498,  
3.3836

81.2562, 4.7655,  
6.9926

21.0204, 4.8626,  
2.7419

93.6167, 4.5270,  
7.7937

13.8215, 4.5544,  
2.1231

106.5473, 4.2402,  
8.6200

7.4471, 5.0920,  
2.0148

120.0238, 3.9086,  
9.4709

0.0000, NaN, NaN

0.0000, NaN, NaN

134.0250, 3.5348,

10.3458

0.0000, NaN, NaN

148.5319, 3.1214,  
11.2443

0.0000, NaN, NaN

■ 47.8937, 5.1471,  
4.7456

■ 47.8937, 5.1471,  
4.7456

■ 43.6321, 10.4643,  
5.9903

■ 52.4112, 0.0286,  
3.6224

■ 39.6699, 15.9686,  
7.3620

■ 57.1440, -4.8953,  
2.6055

■ 36.0660, 21.5945,  
8.8569

■ 62.0634, -9.6459,  
1.6813

■ 32.8888, 27.1973,  
10.4468

■ 67.1458, -14.2462,  
0.8367

■ 30.2142, 32.5176,  
12.0656

■ 72.3723, -18.7192,  
0.0596

■ 28.1147, 37.1744,  
13.6008

■ 77.7273, -23.0855,  
-0.6603

■ 26.6398, 40.7322,  
14.9056

■ 83.1984, -27.3636,  
-1.3317

■ 25.7700, 42.9351,  
15.8317

■ 88.7750, -31.5691,  
-1.9617

■ 25.4907, 43.7072,  
16.0561

■ 92.3169, -33.1900,  
-4.4571

# Harmonies

## Analogous

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



47.8948, 5.3054, 0.9204



47.8937, 5.1471, 4.7456



47.8948, 2.8786, 7.7442

# Triad

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



47.8948, 5.1456, 4.7464



47.8948, -8.1550, 7.3965



47.8948, -4.2875, -5.2258

# Complementary

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



47.8937, 5.1471, 4.7456



53.3093, -9.7951, 1.0521

# 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.



47.8948, -7.7626, -3.1709



47.8937, 5.1471, 4.7456



47.8948, -9.9449, 4.2345

# Square

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



47.8948, 5.1456, 4.7464



47.8948, -4.8393, 9.1845



47.8948, -9.8037, 0.3642



47.8948, -0.2334, -5.0598



# Rectangle

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



47.8937, 5.1471, 4.7456



47.8948, 0.5189, 8.9665



47.8948, -9.8037, 0.3642



47.8948, -5.5594, -4.7651

# Sweetspot

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



47.8948, 5.1456, 4.7464



70.1796, -0.5604, 4.6852



48.4722, 8.4318, -5.2781



32.8539, -0.0657, 2.2476



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



47.8948, 5.1456, 4.7464



61.6730, 9.1915, 6.8447



50.8190, -0.2031, 8.2805



24.1227, 0.7771, 1.8794



23.2169, 39.8137, 14.5836



2.5836, 4.4604, 1.3908



# Inverse Universe

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



47.8948, 5.1456, 4.7464



61.6730, 9.1915, 6.8447



50.1615, -4.6142, -3.2770



24.1227, 0.7771, 1.8794



23.2169, 39.8137, 14.5836



2.5836, 4.4604, 1.3908



# Previews

## White Background



This preview shows how the HunterLab color 47.8937, 5.1471, 4.7456 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 47.8937, 5.1471, 4.7456 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 × Fail

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

## HunterLab 47.8937, 5.1471, 4.7456 Background



This preview shows how black text looks on a background with the HunterLab color 47.8937, 5.1471, 4.7456.



This preview shows how white text looks on a background with the HunterLab color 47.8937, 5.1471,

4.7456.

# 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

47.8937, 5.1471, 4.7456

### Protanopia

47.9533, -1.5153, 3.4102

### Deuteranopia

47.7724, 3.3615, 4.5765



## Tritanopia

47.9539, 7.1631, 1.3342

# Trichromacy



## Original Color

47.8937, 5.1471, 4.7456

## Protanomaly

47.8131, 0.8035, 3.7221

## Deuteranomaly

47.8687, 3.6841, 4.6916

## Tritanomaly

47.8670, 6.7040, 2.5735

# Monochromacy



## Original Color

47.8937, 5.1471, 4.7456

## Achromatopsia

48.4304, -2.5841, 2.6313

## Achromatomaly

48.0551, 0.3221, 3.1241

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 47.8937, 5.1471, 4.7456 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(150, 126, 127)` looks like.

```
.text, #text, p{  
    color:rgb(150, 126, 127)  
}
```

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(150, 126, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(150, 126, 127) }
```

## Border

The CSS property to change the border of an element to HunterLab 47.8937, 5.1471, 4.7456 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(150, 126, 127) }
```



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

```
.border{ border-color:rgb(150, 126, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(150, 126, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(150, 126, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(150, 126, 127);  
box-shadow:4px 4px 4px 4px rgb(150, 126,  
127) }
```

# Background

The CSS property to change the background color of an element to HunterLab 47.8937, 5.1471, 4.7456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(150, 126, 127) }
```

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

```
.background{ background-color: rgb(150,  
126, 127) }
```

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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