

# Converting Colors

HunterLab(49.7962, 2.9797,  
4.8041)

Have a look what the booklet for  
HunterLab(49.7962, 2.9797, 4.8041)  
contains.

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# Color

**HunterLab(49.7471, 3.2871,  
4.6942)**

# Conversions

Conversions Part 1	
Format	Color
Hex	978484
RGB	151, 132, 132
RGB Percent	59%, 52%, 52%
CMY	0.4078, 0.4823, 0.4823
CMYK	0.00, 0.13, 0.13, 0.41
HSL	0°, 8%, 55%
HSV	0°, 13%, 59%
XYZ	25.1786, 24.7477, 25.2795
YIQ	137.6810, 11.3240, 4.0280

# Conversions

## Conversions Part 2

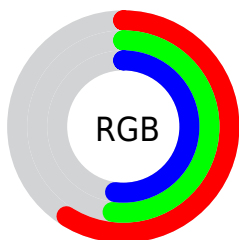
Format	Color
<a href="#">RYB</a>	<a href="#">151, 132, 132</a>
Decimal	<a href="#">9929860</a>
CIELab	<a href="#">56.83, 7.20, 2.65</a>
CIELCh	<a href="#">57, 7.672, 20.169</a>
Yxy	<a href="#">24.7488, 0.3348, 0.3291</a>
Android (android.graphics.Color)	<a href="#">4288119940</a> (0xFF978484)
YUV	<a href="#">137.6810, -2.8007, 11.6808</a>
Hunter-Lab	<a href="#">49.7471, 3.2871, 4.6942</a>

# Details

The HunterLab color  $49.7471, 3.2871, 4.6942$  is a dark color, and the websafe version is hex  $999999$ . A complement of this color would be  $54.1041, -8.3485, 1.1077$ , and the grayscale version is  $50.2951, -2.6836, 2.7326$ .

A 20% lighter version of the original color is  $71.5401, 2.7607, 6.0915$ , and  $30.8551, 3.3347, 3.3458$  is the 20% darker color. If you saturate the color by 10%, you get  $45.3454, 8.4993, 6.1253$ , and if you desaturate by 10%, it is  $54.3950, -1.7112, 3.3549$ .

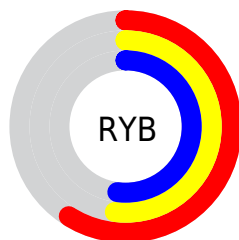
# Distribution



Red (59%)

Green (52%)

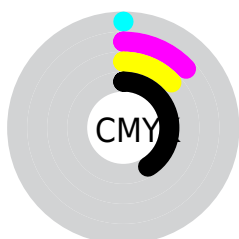
Blue (52%)



Red (59%)

Yellow (52%)

Blue (52%)

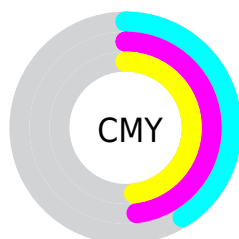


Cyan (0%)

Magenta (13%)

Yellow (13%)

Black (41%)



Cyan (41%)

Magenta (48%)

Yellow (48%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7471, 3.2871, 4.6942 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 49.7471, 3.2871, 4.6942 by changing the saturation by 10% instead.





 49.7471, 3.2871,  
4.6942


 49.7471, 3.2871,  
4.6942


166.3084, -0.1082,  
12.0588


 39.8623, 3.4106,  
4.0092


 71.5887, 2.8528,  
6.1504

 30.7349, 3.4636,  
3.3518


 83.4626, 2.5568,  
6.9189

 22.4354, 3.4320,  
2.7225

 95.9288, 2.2136,  
7.7136

 15.0563, 3.2974,  
2.1195

108.9605, 1.8266,  
8.5339

 8.6955, 3.1669,  
1.7342

122.5340, 1.3987,  
9.3792

0.0000, NaN, NaN

0.0000, NaN, NaN


136.6286, 0.9323,


10.2488

0.0000, NaN, NaN


151.2256, 0.4294,  
11.1422


0.0000, NaN, NaN


 49.7471, 3.2871,  
4.6942


 49.7471, 3.2871,  
4.6942


 45.3454, 8.4993,  
6.1253


 54.3950, -1.7112,  
3.3549


 41.2308, 13.9277,  
7.6483


 59.2504, -6.5078,  
2.0968


 37.4595, 19.5297,  
9.2540


 64.2864, -11.1281,  
0.9108


 34.0981, 25.1948,  
10.9102


 69.4808, -15.5974,  
-0.2132


 31.2223, 30.7053,  
12.5493

 74.8155, -19.9394,  
-1.2844


 28.9087, 35.7142,  
14.0606


 80.2760, -24.1752,  
-2.3111


 27.2182, 39.7809,  
15.3008

 85.8502, -28.3233,  
-3.3002

 26.1695, 42.5096,  
16.1386

 91.5282, -32.3992,  
-4.2576

 25.6512, 43.9236,  
16.5751

 92.3685, -32.9948,  
-4.3879

# Harmonies

## Analogous

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



49.7482, 3.5879, 1.6923



49.7471, 3.2871, 4.6942



49.7482, 1.3688, 7.0195

# Triad

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



49.7482, 3.2856, 4.6950



49.7482, -7.3204, 6.3327



49.7482, -3.7093, -3.4482

# Complementary

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



49.7471, 3.2871, 4.6942



54.1041, -8.3485, 1.1077

# 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.



49.7482, -6.5589, -2.0278



49.7471, 3.2871, 4.6942



49.7482, -8.6085, 3.7026

# Square

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



49.7482, 3.2856, 4.6950



49.7482, -4.7727, 7.9225



49.7482, -8.3333, 0.6353



49.7482, -0.5056, -3.1404



# Rectangle

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



49.7471, 3.2871, 4.6942



49.7482, -0.5404, 7.9331



49.7482, -8.3333, 0.6353



49.7482, -4.7390, -3.1537

# Sweetspot

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



49.7482, 3.2856, 4.6950



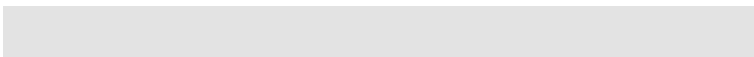
71.8431, -1.3064, 4.7509



50.3155, 6.3143, -3.3859



34.0376, -0.3998, 2.3243



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283



# Same Dimension

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



49.7482, 3.2856, 4.6950



64.9388, 6.2639, 6.7909



52.3861, -1.2900, 7.5505



24.9456, 0.7733, 2.0611



23.6594, 40.5124, 15.2880



2.8934, 4.9514, 1.8696



# Inverse Universe

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



54.1041, -8.3485, 1.1077



72.0012, -12.6160, 0.9690



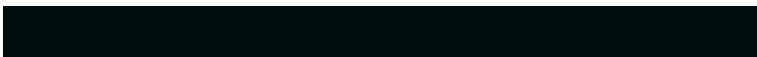
51.3203, -3.8977, -2.2701



26.5074, -3.3947, 0.7760



45.5236, -24.1300, -4.8108



5.5666, -2.9508, -0.5877



# Previews

## White Background



This preview shows how the HunterLab color 49.7471, 3.2871, 4.6942 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

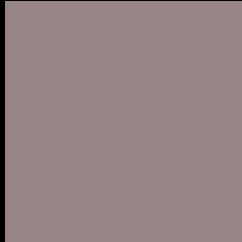
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the HunterLab color 49.7471, 3.2871, 4.6942 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

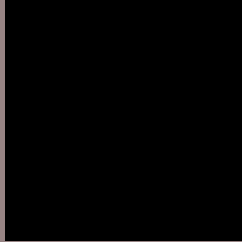
Any Text WCAG AA ✓ Pass

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 49.7471, 3.2871, 4.6942 Background



This preview shows how black text looks on a background with the HunterLab color 49.7471, 3.2871, 4.6942.



This preview shows how white text looks on a background with the HunterLab color 49.7471, 3.2871,



# 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

49.7471, 3.2871, 4.6942

### Protanopia

49.8182, -2.0681, 3.8191

### Deuteranopia

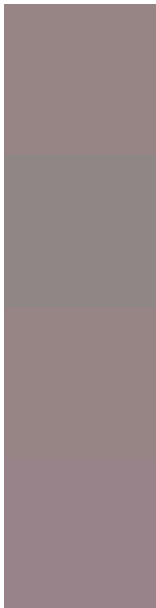
49.7471, 3.2871, 4.6942



## Tritanopia

49.8308, 5.4760, 0.8186

# Trichromacy



**Original Color**  
49.7471, 3.2871, 4.6942

**Protanomaly**  
49.8608, -0.5308, 4.3280

**Deuteranomaly**  
49.7471, 3.2871, 4.6942

**Tritanomaly**  
49.7423, 5.0053, 2.0786

# Monochromacy



**Original Color**  
49.7471, 3.2871, 4.6942

**Achromatopsia**  
50.4135, -2.6899, 2.7391

**Achromatomaly**  
50.2250, -0.5513, 3.4422

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 49.7471, 3.2871, 4.6942 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(151, 132, 132)` looks like.

```
.text, #text, p{  
    color:rgb(151, 132, 132)  
}
```

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(151, 132, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 132, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 49.7471, 3.2871, 4.6942 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(151, 132, 132) }
```



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

```
.border{ border-color:rgb(151, 132, 132) }
```

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

Here you see how a box with a 4 pixel rgb(151, 132, 132) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 132, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 132, 132);  
box-shadow:4px 4px 4px 4px rgb(151, 132,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 49.7471, 3.2871, 4.6942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 132, 132) }
```

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

```
.background{ background-color: rgb(151,  
132, 132) }
```

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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