

# Converting Colors

HunterLab(63.7969, 1.9359,  
0.2161)

Have a look what the booklet for  
HunterLab(63.7969, 1.9359, 0.2161)  
contains.

<b>HunterLab(63.8775, 1.7484, 0.2970)</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> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(63.8775, 1.7484,  
0.2970)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B3A8B2
RGB	179, 168, 178
RGB Percent	70%, 66%, 70%
CMY	0.2980, 0.3412, 0.3020
CMYK	0.00, 0.06, 0.01, 0.30
HSL	305°, 7%, 68%
HSV	305°, 6%, 70%
XYZ	40.6290, 40.8034, 47.8540
YIQ	172.4290, 3.3460, 5.4420

# Conversions

## Conversions Part 2

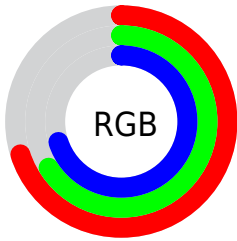
<b>Format</b>	<b>Color</b>
<b>RYB</b>	179, 168, 178
Decimal	11774130
CIELab	70.04, 5.79, -3.72
CIELCh	70, 6.884, 327.309
Yxy	40.8051, 0.3143, 0.3156
Android (android.graphics.Color)	4289964210 (0xFFB3A8B2)
YUV	172.4290, 2.7465, 5.7628
Hunter-Lab	63.8775, 1.7484, 0.2970

# Details

The HunterLab color  $63.8775, 1.7484, 0.2970$  is a light color, and the websafe version is hex  $999999$ . A complement of this color would be  $65.9020, -8.5255, 6.6873$ , and the grayscale version is  $64.3965, -3.4360, 3.4988$ .

A 20% lighter version of the original color is  $87.3945, 1.2653, 1.0649$ , and  $42.9035, 2.1015, -0.3387$  is the 20% darker color. If you saturate the color by 10%, you get  $58.8041, 10.5817, -5.1892$ , and if you desaturate by 10%, it is  $69.2399, -6.8874, 5.7392$ .

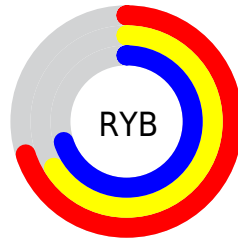
# Distribution



Red (70%)

Green (66%)

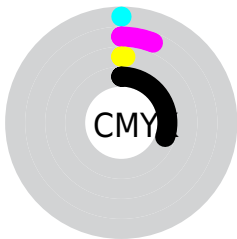
Blue (70%)



Red (70%)

Yellow (66%)

Blue (70%)

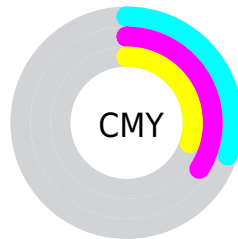


Cyan (0%)

Magenta (6%)

Yellow (1%)

Black (30%)



Cyan (30%)

Magenta (34%)

Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.8775, 1.7484, 0.2970 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 63.8775, 1.7484, 0.2970 by changing the saturation by 10% instead.



■ 63.8775, 1.7484,  
0.2970

■ 63.8775, 1.7484,  
0.2970

186.9506, -2.6648,  
5.6865

■ 53.0724, 2.0249,  
-0.1095

■ 87.4002, 1.0420,  
1.2448

■ 42.9552, 2.2465,  
-0.4680

■ 100.0506, 0.6230,  
1.7778

■ 33.5777, 2.4046,  
-0.7722

113.2586, 0.1637,  
2.3476

■ 25.0037, 2.4893,  
-1.0150

127.0015, -0.3336,  
2.9521

■ 17.3171, 2.4863,  
-1.1866

141.2593, -0.8668,  
3.5896

■ 10.6354, 2.3727,  
-1.2720

156.0140, -1.4341,

■ 0.6585, 38.3032,

4.2587

-23.3695

171.2493, -2.0338,  
4.9580

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 63.8775, 1.7484,  
0.2970

■ 63.8775, 1.7484,  
0.2970

■ 58.8041, 10.5817,  
-5.1892

■ 69.2399, -6.8874,  
5.7392

■ 54.0619, 19.5752,  
-10.6806

■ 74.8488, -15.3128,  
11.1151

■ 49.7080, 28.6280,  
-16.0965

■ 80.6745, -23.5393,  
16.4208

■ 45.8066, 37.5534,  
-21.3033

■ 86.6913, -31.5857,  
21.6588

■ 42.4282, 46.0472,

■ 92.0082, -38.3480,

-26.0985

26.0381

■ 39.6422, 53.6783,  
-30.2110

■ 92.0460, -38.1268,  
25.4893

■ 37.5042, 59.9348,  
-33.3360

■ 92.0843, -37.9033,  
24.9347

■ 36.0369, 64.3517,  
-35.2178

■ 92.1230, -37.6775,  
24.3744

■ 35.2004, 66.7354,  
-35.7830

■ 92.1621, -37.4493,  
23.8083

# Harmonies

## Analogous

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



63.8789, -0.6195, -1.8371



63.8775, 1.7484, 0.2970



63.8789, 2.7288, 3.2070

# Triad

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



63.8789, 1.7468, 0.2981



63.8789, -3.1283, 8.9499



63.8789, -8.6861, 0.7868

# Complementary

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



63.8775, 1.7484, 0.2970



65.9020, -8.5255, 6.6873

# 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.



63.8789, -9.3290, 3.7460



63.8775, 1.7484, 0.2970



63.8789, -6.1571, 8.3706

# Square

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



63.8789, 1.7468, 0.2981



63.8789, -0.1196, 8.1223



63.8789, -8.4118, 6.5007



63.8789, -6.6387, -1.5455



# Rectangle

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



63.8775, 1.7484, 0.2970



63.8789, 2.4524, 5.1617



63.8789, -8.4118, 6.5007



63.8789, -9.0719, 1.7454

# Sweetspot

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



63.8789, 1.7468, 0.2981



88.3920, -2.4449, 3.4010



62.9983, -1.2020, -1.3399



41.6414, -1.2094, 1.6376



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978



# Same Dimension

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



63.8789, 1.7468, 0.2981



84.8070, 3.4788, -0.3147



63.7117, 0.8434, 2.6773



29.8362, 1.3667, -0.1981



29.3920, 56.6853, -30.2359



5.2505, 10.1837, -5.8479



# Inverse Universe

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



63.8789, 1.7468, 0.2981



84.8070, 3.4788, -0.3147



66.0594, -7.6526, 4.4380



29.8362, 1.3667, -0.1981



29.3920, 56.6853, -30.2359

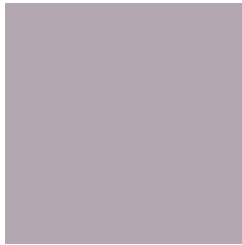


5.2505, 10.1837, -5.8479



# Previews

## White Background



This preview shows how the HunterLab color 63.8775, 1.7484, 0.2970 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 63.8775, 1.7484, 0.2970 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

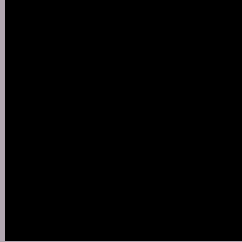
Any Text WCAG AA ✓ Pass

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 63.8775, 1.7484, 0.2970 Background



This preview shows how black text looks on a background with the HunterLab color 63.8775, 1.7484, 0.2970.



This preview shows how white text looks on a background with the HunterLab color 63.8775, 1.7484,

0.2970.

# 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

63.8775, 1.7484, 0.2970

### Protanopia

63.8551, -1.2596, -0.2737

### Deuteranopia

63.7786, 4.3653, 0.2213



## Tritanopia

63.9728, 2.2624, -1.0567

# Trichromacy



## Original Color

63.8775, 1.7484, 0.2970

## Protanomaly

63.8315, 0.1627, -0.2780

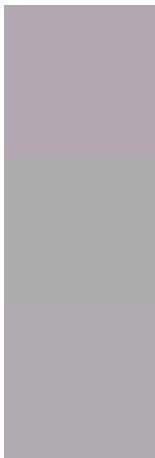
## Deuteranomaly

63.8724, 3.2112, 0.3164

## Tritanomaly

63.9408, 2.0900, -0.6027

# Monochromacy



## Original Color

63.8775, 1.7484, 0.2970

## Achromatopsia

64.2295, -3.4271, 3.4897

## Achromatomaly

64.2618, -1.6776, 2.6222

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.8775, 1.7484, 0.2970 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(179, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(179, 168, 178)  
}
```

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(179, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 168, 178) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.8775, 1.7484, 0.2970 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(179, 168, 178) }
```



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

```
.border{ border-color:rgb(179, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 168, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 168, 178);  
box-shadow:4px 4px 4px 4px rgb(179, 168,  
178) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.8775, 1.7484, 0.2970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 168, 178) }
```

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

```
.background{ background-color: rgb(179,  
168, 178) }
```

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