

# Converting Colors

HunterLab(68.4018, 0.9583,  
0.5828)

Have a look what the booklet for  
HunterLab(68.4018, 0.9583, 0.5828)  
contains.

<b>HunterLab(68.3616, 1.2399, 0.3905)</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> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(68.3616, 1.2399,  
0.3905)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BDB3BD
RGB	189, 179, 189
RGB Percent	74%, 70%, 74%
CMY	0.2588, 0.2980, 0.2588
CMYK	0.00, 0.05, 0.00, 0.26
HSL	300°, 7%, 72%
HSV	300°, 5%, 74%
XYZ	46.2916, 46.7331, 54.7246
YIQ	183.1300, 2.7500, 5.2300

# Conversions

## Conversions Part 2

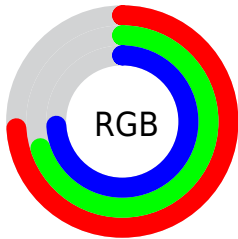
<b>Format</b>	<b>Color</b>
<b>RYB</b>	189, 179, 189
Decimal	12432317
CIELab	74.02, 5.38, -3.81
CIELCh	74, 6.590, 324.691
Yxy	46.7351, 0.3133, 0.3163
Android (android.graphics.Color)	4290622397 (0xFFBDB3BD)
YUV	183.1300, 2.8939, 5.1480
Hunter-Lab	68.3616, 1.2399, 0.3905

# Details

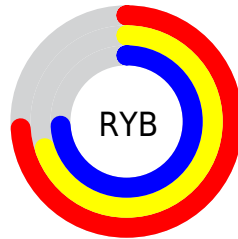
The HunterLab color  $68.3616, 1.2399, 0.3905$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $70.1675, -8.5042, 7.0495$ , and the grayscale version is  $68.8568, -3.6740, 3.7411$ .

A 20% lighter version of the original color is  $92.4239, 0.1915, 1.5377$ , and  $46.8332, 2.1141, -0.5925$  is the 20% darker color. If you saturate the color by 10%, you get  $62.9849, 10.9614, -6.3175$ , and if you desaturate by 10%, it is  $74.0525, -8.2394, 6.9395$ .

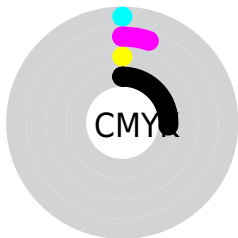
# Distribution



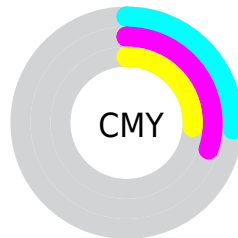
- Red (74%)
- Green (70%)
- Blue (74%)



- Red (74%)
- Yellow (70%)
- Blue (74%)



- Cyan (0%)
- Magenta (5%)
- Yellow (0%)
- Black (26%)



- Cyan (26%)
- Magenta (30%)
- Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3616, 1.2399, 0.3905 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 68.3616, 1.2399, 0.3905 by changing the saturation by 10% instead.



■ 68.3616, 1.2399,  
0.3905

■ 68.3616, 1.2399,  
0.3905

193.3277, -3.4589,  
5.8720

■ 57.2942, 1.5578,  
-0.0300

■ 92.3678, 0.4585,  
1.3632

■ 46.8971, 1.8245,  
-0.4042

105.2431, 0.0052,  
1.9075

■ 37.2183, 2.0323,  
-0.7260

118.6665, -0.4867,  
2.4878

■ 28.3158, 2.1728,  
-0.9892

132.6167, -1.0151,  
3.1022

■ 20.2642, 2.2344,  
-1.1851

147.0743, -1.5780,  
3.7492

■ 13.1653, 2.1990,  
-1.3011

162.0222, -2.1739,

■ 6.6711, 3.1563,

4.4273

-2.0035

177.4447, -2.8013,  
5.1353

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3616, 1.2399,  
0.3905

■ 68.3616, 1.2399,  
0.3905

■ 62.9849, 10.9614,  
-6.3175

■ 74.0525, -8.2394,  
6.9395

■ 57.9682, 20.8858,  
-13.1571

■ 80.0114, -17.4647,  
13.3206

■ 53.3732, 30.9036,  
-20.0525

■ 86.2057, -26.4513,  
19.5437

■ 49.2688, 40.8102,  
-26.8634

■ 92.6074, -35.2223,  
25.6239

■ 45.7299, 50.2724,

■ 92.7433, -35.4035,

-33.3620

25.7496

■ 42.8292, 58.8205,  
-39.2273

■ 92.7433, -35.4035,  
25.7495

■ 40.6233, 65.9003,  
-44.0817

■ 92.7433, -35.4035,  
25.7495

■ 39.1335, 71.0126,  
-47.5852

■ 92.7433, -35.4035,  
25.7495

■ 38.3228, 73.9199,  
-49.5768

■ 92.7433, -35.4035,  
25.7495

# Harmonies

## Analogous

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



68.3631, -1.1652, -1.5859



68.3616, 1.2399, 0.3905



68.3631, 2.3328, 3.1990

# Triad

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



68.3631, 1.2382, 0.3917



68.3631, -3.1037, 9.0853



68.3631, -8.9381, 1.3310

# Complementary

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



68.3616, 1.2399, 0.3905



70.1675, -8.5042, 7.0495

# 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.



68.3631, -9.4365, 4.2392



68.3616, 1.2399, 0.3905



68.3631, -6.1024, 8.6342

# Square

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



68.3631, 1.2382, 0.3917



68.3631, -0.2021, 8.1515



68.3631, -8.4072, 6.8912



68.3631, -7.0335, -1.0270



# Rectangle

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



68.3616, 1.2399, 0.3905



68.3631, 2.1593, 5.1316



68.3631, -8.4072, 6.8912



68.3631, -9.2742, 2.2801

# Sweetspot

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



68.3631, 1.2382, 0.3917



93.9258, -2.5115, 3.4030



67.4540, -1.8798, -0.7859



43.5928, -1.2264, 1.6207



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053



# Same Dimension

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



68.3631, 1.2382, 0.3917



90.8916, 2.6951, -0.1925



68.2068, 0.3926, 2.6153



31.8597, 1.1523, -0.2087



31.2271, 61.3935, -41.1864



6.1803, 12.1508, -8.1515

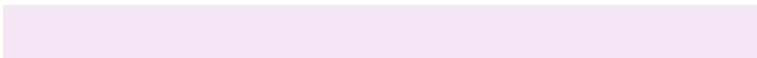


# Inverse Universe

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



68.3631, 1.2382, 0.3917



90.8916, 2.6951, -0.1925



70.3141, -7.6920, 4.9536



31.8597, 1.1523, -0.2087



31.2271, 61.3935, -41.1864

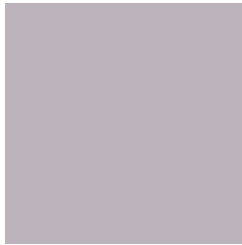


6.1803, 12.1508, -8.1515



# Previews

## White Background



This preview shows how the HunterLab color 68.3616, 1.2399, 0.3905 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

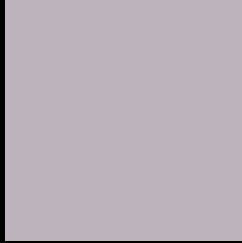
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 68.3616, 1.2399, 0.3905 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

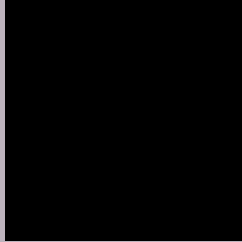
Any Text WCAG AA ✓ Pass

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 68.3616, 1.2399, 0.3905 Background



This preview shows how black text looks on a background with the HunterLab color 68.3616, 1.2399, 0.3905.



This preview shows how white text looks on a background with the HunterLab color 68.3616, 1.2399,

0.3905.

# 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

68.3616, 1.2399, 0.3905

### Protanopia

68.4344, -1.4812, -0.0627

### Deuteranopia

68.1620, 5.0438, 0.2117



## Tritanopia

68.2596, 2.5887, -1.2096

# Trichromacy



## Original Color

68.3616, 1.2399, 0.3905

## Protanomaly

68.3187, -0.3559, -0.1857

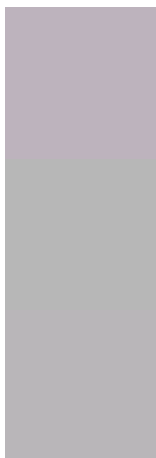
## Deuteranomaly

68.1585, 3.5481, 0.1813

## Tritanomaly

68.2272, 2.4142, -0.7500

# Monochromacy



## Original Color

68.3616, 1.2399, 0.3905

## Achromatopsia

68.8136, -3.6717, 3.7388

## Achromatomaly

68.7553, -2.2160, 2.7478

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.3616, 1.2399, 0.3905 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(189, 179, 189)` looks like.

```
.text, #text, p{  
    color:rgb(189, 179, 189)  
}
```

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(189, 179, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 179, 189) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.3616, 1.2399, 0.3905 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(189, 179, 189) }
```



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

```
.border{ border-color:rgb(189, 179, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 179, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 179, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 179, 189);  
box-shadow:4px 4px 4px 4px rgb(189, 179,  
189) }
```

# Background

The CSS property to change the background color of an element to HunterLab 68.3616, 1.2399, 0.3905 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 179, 189) }
```

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

```
.background{ background-color: rgb(189,  
179, 189) }
```

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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