

# Converting Colors

HunterLab(68.9789, -3.6866,  
3.7419)

Have a look what the booklet for  
HunterLab(68.9789, -3.6866, 3.7419)  
contains.

<b>HunterLab(68.8136, -3.6717, 3.7388)</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> .....	23
<b><i>Color Blindness Simulation</i></b> .....	27
<b><i>CSS Examples</i></b> .....	30

# Color

**HunterLab(68.8136, -3.6717,  
3.7388)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B7B7B7
RGB	183, 183, 183
RGB Percent	72%, 72%, 72%
CMY	0.2823, 0.2823, 0.2823
CMYK	0.00, 0.00, 0.00, 0.28
HSL	119°, 0%, 72%
HSV	119°, 0%, 72%
XYZ	45.0091, 47.3531, 51.5675
YIQ	183.0000, -0.0000, -0.0000

# Conversions

## Conversions Part 2

<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	183, 183, 183
Decimal	12040119
CIE Lab	74.42, 0.00, -0.01
CIE LCh	74, 0.007, 289.318
Yxy	47.3552, 0.3127, 0.3290
Android (android.graphics.Color)	4290230199 (0xFFB7B7B7)
YUV	183.0000, 0.0000, 0.0000
Hunter-Lab	68.8136, -3.6717, 3.7388

# Details

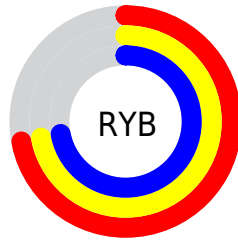
The HunterLab color  $68.8136, -3.6717, 3.7388$  is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be  $68.8145, -3.6703, 3.7378$ , and the grayscale version is  $68.8149, -3.6718, 3.7388$ .

A 20% lighter version of the original color is  $92.9063, -4.9572, 5.0478$ , and  $47.2470, -2.5210, 2.5670$  is the 20% darker color. If you saturate the color by 10%, you get  $66.7631, -11.9908, 9.4431$ , and if you desaturate by 10%, it is  $71.0766, 5.2091, -2.3619$ .

# Distribution



- Red (72%)
- Green (72%)
- Blue (72%)



- Red (72%)
- Yellow (72%)
- Blue (72%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (28%)



- Cyan (28%)
- Magenta (28%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8136, -3.6717, 3.7388 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 68.8136, -3.6717, 3.7388 by changing the saturation by 10% instead.



■ 68.8136, -3.6717,  
3.7388

■ 68.8136, -3.6717,  
3.7388

193.9666,  
-10.3569, 10.5498

■ 57.7204, -3.0809,  
3.1363

■ 92.8674, -4.9577,  
5.0485

■ 47.2959, -2.5242,  
2.5692

105.7648, -5.6465,  
5.7503

■ 37.5876, -2.0058,  
2.0412

119.2096, -6.3645,  
6.4818

■ 28.6530, -1.5288,  
1.5553

133.1802, -7.1106,  
7.2420

■ 20.5660, -1.0970,  
1.1155

147.6576, -7.8837,  
8.0298

■ 13.4268, -0.7159,  
0.7274

162.6245, -8.6831,

■ 6.9923, -0.3720,

8.8442

0.3765

178.0656, -9.5077,  
9.6845

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8136, -3.6717,  
3.7388

■ 68.8136, -3.6717,  
3.7388

■ 66.7631, -11.9908,  
9.4431

■ 71.0766, 5.2091,  
-2.3619

■ 64.9293, -19.6504,  
14.6835

■ 73.5377, 14.5672,  
-8.8004

■ 63.3207, -26.5609,  
19.3986

■ 76.1874, 24.3184,  
-15.5183

■ 61.9416, -32.6384,  
23.5311

■ 78.9612, 34.1309,  
-21.7855

■ 60.7929, -37.8146,

27.0350

■ 59.8718, -42.0436,  
29.8803

■ 59.1707, -45.3099,  
32.0586

■ 58.6770, -47.6346,  
33.5873

■ 58.3713, -49.0819,  
34.5145

# Harmonies

## Analogous

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



68.8151, -3.6767, 3.7397



68.8136, -3.6717, 3.7388



68.8151, -3.6705, 3.7417

# Triad

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



68.8151, -3.6733, 3.7399



68.8151, -3.6712, 3.7505



68.8151, -3.6819, 3.7469

# Complementary

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



68.8136, -3.6717, 3.7388



68.8145, -3.6703, 3.7378

# 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.



68.8151, -3.6805, 3.7499



68.8136, -3.6717, 3.7388



68.8151, -3.6743, 3.7519

# Square

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



68.8151, -3.6733, 3.7399



68.8151, -3.6693, 3.7479



68.8151, -3.6777, 3.7517



68.8151, -3.6817, 3.7437



# Rectangle

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



68.8136, -3.6717, 3.7388



68.8151, -3.6693, 3.7436



68.8151, -3.6777, 3.7517



68.8151, -3.6816, 3.7480

# Sweetspot

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



68.8151, -3.6733, 3.7399



92.0917, -4.9138, 5.0035



68.8153, -3.6723, 3.7402



43.2801, -2.3093, 2.3515



96.5975, -5.1542, 5.2483

# Same Dimension

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



68.8151, -3.6733, 3.7399



92.0917, -4.9138, 5.0035



68.8151, -3.6731, 3.7392



32.6403, -1.7416, 1.7734



48.6232, -41.6098, 29.2330



9.1420, -7.7581, 5.4975



# Inverse Universe

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



68.8145, -3.6703, 3.7378



92.0917, -4.9138, 5.0035



68.8145, -3.6705, 3.7384



32.6403, -1.7416, 1.7734



30.2722, 59.7206, -41.5120

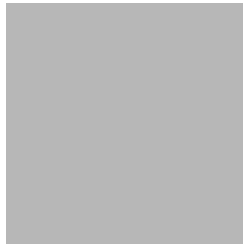


5.7043, 11.2427, -7.7397



# Previews

## White Background



This preview shows how the HunterLab color 68.8136, -3.6717, 3.7388 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 68.8136, -3.6717, 3.7388 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

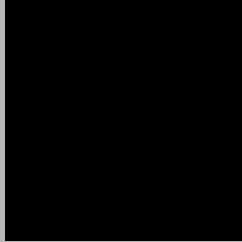
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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



## HunterLab 68.8136, -3.6717, 3.7388 Background



This preview shows how black text looks on a background with the HunterLab color 68.8136, -3.6717, 3.7388.



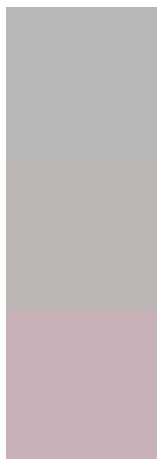
This preview shows how white text looks on a background with the HunterLab color 68.8136, -3.6717,

3.7388.

# 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

68.8136, -3.6717, 3.7388

### Protanopia

68.7549, -2.3998, 4.1608

### Deuteranopia

68.6909, 5.0260, 3.2737



## Tritanopia

68.7766, 0.0185, -2.1282

# Trichromacy



## Original Color

68.8136, -3.6717, 3.7388

## Protanomaly

68.6641, -2.7142, 4.0489

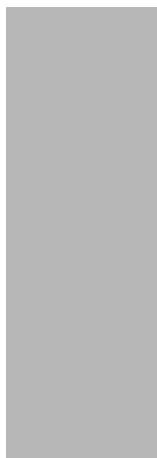
## Deuteranomaly

68.6806, 2.0133, 3.2088

## Tritanomaly

68.8533, -1.5015, -0.0433

# Monochromacy



## Original Color

68.8136, -3.6717, 3.7388

## Achromatopsia

68.8136, -3.6717, 3.7388

## Achromatomaly

68.8136, -3.6717, 3.7388

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 68.8136, -3.6717, 3.7388 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(183, 183, 183)` looks like.

```
.text, #text, p{  
    color:rgb(183, 183, 183)  
}
```

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(183, 183, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 183, 183) }
```

## Border

The CSS property to change the border of an element to HunterLab 68.8136, -3.6717, 3.7388 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(183, 183, 183) }
```

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

```
.border{ border-color:rgb(183, 183, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 183, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 183, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 183, 183);  
box-shadow:4px 4px 4px 4px rgb(183, 183,  
183) }
```



# Background

The CSS property to change the background color of an element to HunterLab 68.8136, -3.6717, 3.7388 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 183, 183) }
```

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

```
.background{ background-color: rgb(183,  
183, 183) }
```

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