

Converting Colors

HunterLab(68.0002, -3.6373,
3.7041)

Have a look what the booklet for
HunterLab(68.0002, -3.6373, 3.7041)
contains.

HunterLab(67.9762, -3.6270, 3.6933)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**HunterLab(67.9762, -3.6270,
3.6933)**

Conversions

Conversions Part 1

Format	Color
Hex	B5B5B5
RGB	181, 181, 181
RGB Percent	71%, 71%, 71%
CMY	0.2902, 0.2902, 0.2902
CMYK	0.00, 0.00, 0.00, 0.29
HSL	118°, 0%, 71%
HSV	118°, 0%, 71%
XYZ	43.9204, 46.2076, 50.3201
YIQ	181.0000, -0.0000, 0.0000

Conversions

Conversions Part 2

Format	Color
RYB	181, 181, 181
Decimal	11908533
CIELab	73.68, 0.00, -0.01
CIElCh	74, 0.007, 289.467
Yxy	46.2096, 0.3127, 0.3290
Android (android.graphics.Color)	4290098613 (0xFFB5B5B5)
YUV	181.0000, 0.0000, 0.0000
Hunter-Lab	67.9762, -3.6270, 3.6933

Details

The HunterLab color $67.9762, -3.6270, 3.6933$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $67.9771, -3.6256, 3.6923$, and the grayscale version is $67.9775, -3.6271, 3.6933$.

A 20% lighter version of the original color is $92.0257, -4.9103, 4.9999$, and $46.4608, -2.4790, 2.5243$ is the 20% darker color. If you saturate the color by 10%, you get $65.9676, -11.7827, 9.3418$, and if you desaturate by 10%, it is $70.1910, 5.0756, -2.3532$.

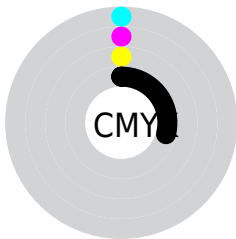
Distribution



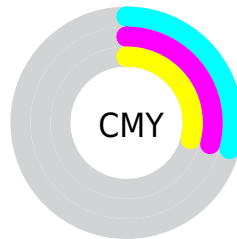
- Red (71%)
- Green (71%)
- Blue (71%)



- Red (71%)
- Yellow (71%)
- Blue (71%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9762, -3.6270, 3.6933 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 67.9762, -3.6270, 3.6933 by changing the saturation by 10% instead.

■ 67.9762, -3.6270,
3.6933

■ 67.9762, -3.6270,
3.6933

192.7825,
-10.2937, 10.4854

■ 56.9309, -3.0387,
3.0934

■ 91.9416, -4.9083,
4.9982

■ 46.5573, -2.4848,
2.5291

104.7979, -5.5949,
5.6977

■ 36.9038, -1.9693,
2.0040

118.2032, -6.3108,
6.4271

■ 28.0287, -1.4954,
1.5213

132.1358, -7.0548,
7.1852

■ 20.0075, -1.0672,
1.0852

146.5766, -7.8260,
7.9710

■ 12.9431, -0.6901,
0.7012

161.5081, -8.6234,

■ 6.3839, -0.3393,

8.7836

0.3431

176.9148, -9.4462,
9.6219

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9762, -3.6270,
3.6933

■ 67.9762, -3.6270,
3.6933

■ 65.9676, -11.7827,
9.3418

■ 70.1910, 5.0756,
-2.3532

■ 64.1694, -19.2973,
14.5265

■ 72.5981, 14.2437,
-8.7406

■ 62.5896, -26.0844,
19.1876

■ 75.1885, 23.7962,
-15.4113

■ 61.2323, -32.0632,
23.2699

■ 77.9515, 33.6620,
-22.3150

■ 60.0988, -37.1674,

■ 78.4407, 35.2530,

26.7290

-22.5580

■ 59.1864, -41.3520,
29.5363

■ 58.4880, -44.6007,
31.6840

■ 57.9916, -46.9321,
33.1899

■ 57.6793, -48.4054,
34.1018

Harmonies

Analogous

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



67.9777, -3.6319, 3.6941



67.9762, -3.6270, 3.6933



67.9777, -3.6258, 3.6962

Triad

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



67.9777, -3.6286, 3.6944



67.9777, -3.6265, 3.7049



67.9777, -3.6371, 3.7013

Complementary

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



67.9762, -3.6270, 3.6933



67.9771, -3.6256, 3.6923

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.



67.9777, -3.6357, 3.7042



67.9762, -3.6270, 3.6933



67.9777, -3.6296, 3.7063

Square

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



67.9777, -3.6286, 3.6944



67.9777, -3.6246, 3.7023



67.9777, -3.6329, 3.7060



67.9777, -3.6369, 3.6981

Rectangle

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



67.9762, -3.6270, 3.6933



67.9777, -3.6247, 3.6980



67.9777, -3.6329, 3.7060



67.9777, -3.6368, 3.7024

Sweetspot

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



67.9777, -3.6286, 3.6944



90.9709, -4.8540, 4.9426



67.9779, -3.6276, 3.6947



42.2927, -2.2566, 2.2978



95.4677, -5.0939, 5.1869

Same Dimension

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



67.9777, -3.6286, 3.6944



90.9709, -4.8540, 4.9426



67.9777, -3.6284, 3.6937



31.6988, -1.6914, 1.7223



47.7585, -40.8114, 28.7141



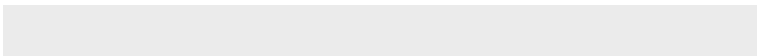
8.4924, -7.1496, 5.1078

Inverse Universe

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



67.9771, -3.6256, 3.6923



90.9709, -4.8540, 4.9426



67.9770, -3.6258, 3.6929



31.6988, -1.6914, 1.7223



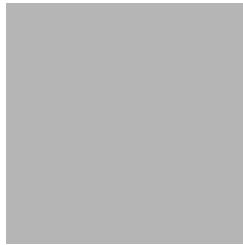
29.4657, 58.2661, -41.4640



5.2608, 10.3849, -7.2632

Previews

White Background



This preview shows how the HunterLab color 67.9762, -3.6270, 3.6933 looks on a white background.

Color Contrast Check

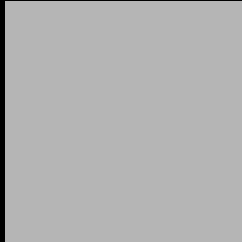
Large Text (above 18pt) WCAG AA × Fail

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 67.9762, -3.6270, 3.6933 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

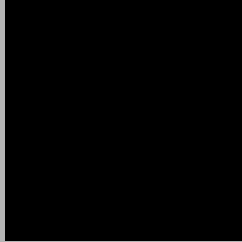
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

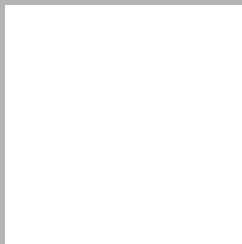
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.9762, -3.6270, 3.6933 Background



This preview shows how black text looks on a background with the HunterLab color 67.9762, -3.6270, 3.6933.

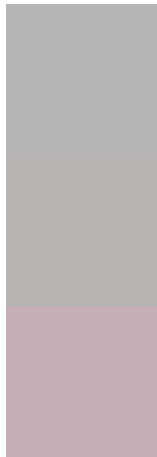


This preview shows how white text looks on a background with the HunterLab color 67.9762, -3.6270,

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

67.9762, -3.6270, 3.6933

Protanopia

67.9177, -2.3576, 4.1145

Deuteranopia

67.8551, 5.0557, 3.2308



Tritanopia

67.9395, 0.0565, -2.1640

Trichromacy



Original Color

67.9762, -3.6270, 3.6933

Protanomaly

67.8270, -2.6715, 4.0028

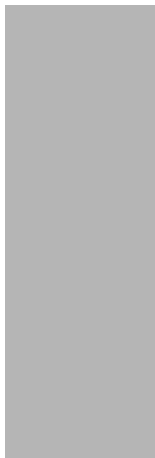
Deuteranomaly

67.8440, 2.0476, 3.1650

Tritanomaly

68.0160, -1.4609, -0.0820

Monochromacy



Original Color

67.9762, -3.6270, 3.6933

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

67.9762, -3.6270, 3.6933

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9762, -3.6270, 3.6933 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(181, 181, 181)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 181)  
}
```

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(181, 181, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9762, -3.6270, 3.6933 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(181, 181, 181) }
```

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

```
.border{ border-color:rgb(181, 181, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 181, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 181, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 181, 181);  
box-shadow:4px 4px 4px 4px rgb(181, 181,  
181) }
```


Background

The CSS property to change the background color of an element to HunterLab 67.9762, -3.6270, 3.6933 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 181) }
```

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

```
.background{ background-color: rgb(181,  
181, 181) }
```

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