

Converting Colors

HunterLab(68.0216, -6.8324,
3.5449)

Have a look what the booklet for
HunterLab(68.0216, -6.8324, 3.5449)
contains.

HunterLab(67.9719, -6.7395, 3.6337)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(67.9719, -6.7395,
3.6337)**

Conversions

Conversions Part 1

Format	Color
Hex	AEB7B5
RGB	174, 183, 181
RGB Percent	68%, 72%, 71%
CMY	0.3176, 0.2823, 0.2902
CMYK	0.05, 0.00, 0.01, 0.28
HSL	167°, 6%, 70%
HSV	167°, 5%, 72%
XYZ	42.7295, 46.2018, 50.3818
YIQ	180.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

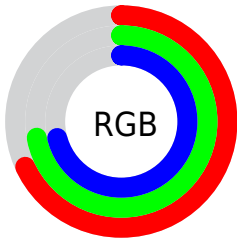
Format	Color
RYB	174, 179, 183
Decimal	11450293
CIELab	73.68, -3.51, -0.08
CIELCh	74, 3.508, 181.250
Yxy	46.2038, 0.3067, 0.3316
Android (android.graphics.Color)	4289640373 (0xFFFAEB7B5)
YUV	180.0810, 0.4531, -5.3330
Hunter-Lab	67.9719, -6.7395, 3.6337

Details

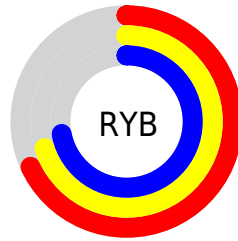
The HunterLab color $67.9719, -6.7395, 3.6337$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $65.9357, -0.3251, 3.6872$, and the grayscale version is $67.5929, -3.6066, 3.6724$.

A 20% lighter version of the original color is $91.9268, -8.5104, 4.8205$, and $46.5418, -5.1073, 2.5735$ is the 20% darker color. If you saturate the color by 10%, you get $66.3915, -12.6321, 3.5759$, and if you desaturate by 10%, it is $69.7284, -0.3927, 3.8974$.

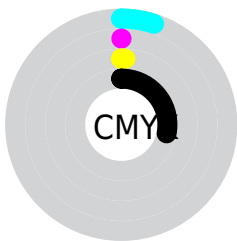
Distribution



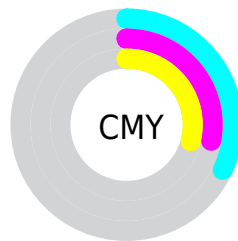
- Red (68%)
- Green (72%)
- Blue (71%)



- Red (68%)
- Yellow (70%)
- Blue (72%)



- Cyan (5%)
- Magenta (0%)
- Yellow (1%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9719, -6.7395, 3.6337 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 67.9719, -6.7395, 3.6337 by changing the saturation by 10% instead.

■ 67.9719, -6.7395,
3.6337

■ 67.9719, -6.7395,
3.6337

192.7764,
-14.7193, 10.4011

■ 56.9268, -5.9691,
3.0372

■ 91.9369, -8.3560,
4.9323

■ 46.5535, -5.2211,
2.4765

104.7930, -9.1986,
5.6288

■ 36.9003, -4.4967,
1.9554

118.1980,
-10.0639, 6.3554

■ 28.0255, -3.7950,
1.4769

132.1305,
-10.9518, 7.1108

■ 20.0046, -3.1138,
1.0455

146.5710,
-11.8616, 7.8940

■ 12.9406, -2.4478,
0.6668

161.5023,

■ 6.3807, -2.7358,

-12.7931, 8.7040

0.2976

176.9089,
-13.7458, 9.5399

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9719, -6.7395,
3.6337

■ 67.9719, -6.7395,
3.6337

■ 66.3915, -12.6321,
3.5759

■ 69.7284, -0.3927,
3.8974

■ 64.9866, -18.0150,
3.7250

■ 71.6514, 6.3596,
4.3565

■ 63.7607, -22.8438,
4.0823

■ 73.7364, 13.4634,
5.0028

■ 62.7137, -27.0808,
4.6440

■ 75.9764, 20.8684,
5.8251

■ 61.8431, -30.7004,

■ 77.0471, 24.4662,

5.4012

5.2113

■ 61.1434, -33.6925,
6.3401

■ 77.1733, 25.1103,
3.4108

■ 60.6058, -36.0655,
7.4416

■ 77.3026, 25.7692,
1.5691

■ 60.2177, -37.8503,
8.6818

■ 77.4351, 26.4429,
-0.3138

■ 59.9611, -39.1052,
10.0305

■ 77.5706, 27.1314,
-2.2379

Harmonies

Analogous

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



67.9733, -6.3613, 5.1209



67.9719, -6.7395, 3.6337



67.9733, -6.2938, 2.1323

Triad

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



67.9733, -6.7410, 3.6348



67.9733, -1.9941, 1.0969



67.9733, -2.1138, 6.2667

Complementary

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



67.9719, -6.7395, 3.6337



65.9357, -0.3251, 3.6872

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.



67.9733, -0.9256, 5.2312



67.9719, -6.7395, 3.6337



67.9733, -0.8560, 2.2477

Square

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



67.9733, -6.7410, 3.6348



67.9733, -3.5620, 0.6458



67.9733, -0.4631, 3.7651



67.9733, -3.6990, 6.6187

Rectangle

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



67.9719, -6.7395, 3.6337



67.9733, -5.5845, 1.3293



67.9733, -0.4631, 3.7651



67.9733, -1.6542, 5.9882

Sweetspot

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



67.9733, -6.7410, 3.6348



91.8543, -5.7742, 4.9694



67.9461, -7.2494, 6.7977



43.1743, -2.6928, 2.3362



96.5975, -5.1542, 5.2483



43.2801, -2.3093, 2.3515

Same Dimension

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



67.9733, -6.7410, 3.6348



90.7030, -9.9843, 4.8406



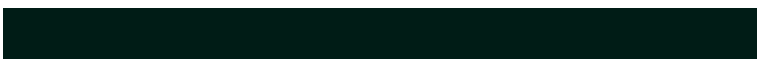
67.3087, -5.2227, 1.9192



32.1139, -3.6649, 1.7129



50.0053, -33.0338, 8.8082



9.4344, -5.9257, 0.9997

Inverse Universe

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



65.9357, -0.3251, 3.6872



87.3265, 0.6482, 4.9281



66.5826, -1.8480, 5.3365



30.8318, 0.3728, 1.7462



26.7248, 46.2123, 13.8166



5.1113, 9.0209, 1.2288

Previews

White Background



This preview shows how the HunterLab color 67.9719, -6.7395, 3.6337 looks on a white background.

Color Contrast Check

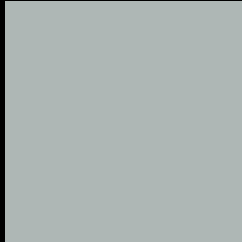
Large Text (above 18pt) WCAG AA × Fail

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 67.9719, -6.7395, 3.6337 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

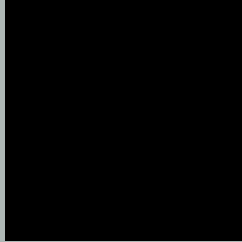
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

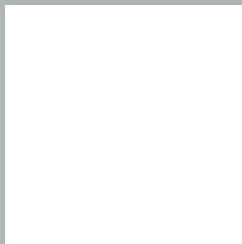
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.9719, -6.7395, 3.6337 Background



This preview shows how black text looks on a background with the HunterLab color 67.9719, -6.7395, 3.6337.



This preview shows how white text looks on a background with the HunterLab color 67.9719, -6.7395, 3.6337.

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

67.9719, -6.7395, 3.6337

Protanopia

67.8878, -2.5209, 4.5414

Deuteranopia

67.7858, 4.8847, 2.6700



Tritanopia

67.9838, -2.7124, -3.1835

Trichromacy



Original Color

67.9719, -6.7395, 3.6337

Protanomaly

67.8574, -4.1009, 4.0134

Deuteranomaly

67.8506, 0.5678, 3.1469

Tritanomaly

68.0350, -4.4039, -0.6078

Monochromacy



Original Color

67.9719, -6.7395, 3.6337

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.6816, -4.7146, 3.7963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9719, -6.7395, 3.6337 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(174, 183, 181)` looks like.

```
.text, #text, p{  
    color:rgb(174, 183, 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(174, 183, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 183, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9719, -6.7395, 3.6337 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(174, 183, 181) }
```


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

```
.border{ border-color:rgb(174, 183, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 183, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 183, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 183, 181);  
box-shadow:4px 4px 4px 4px rgb(174, 183,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9719, -6.7395, 3.6337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 183, 181) }
```

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

```
.background{ background-color: rgb(174,  
183, 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