

Converting Colors

HunterLab(37.0909, -3.3419,
3.9492)

Have a look what the booklet for
HunterLab(37.0909, -3.3419, 3.9492)
contains.

| | |
|--|----|
| HunterLab(36.9933, -2.9952, 3.8235) | 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(36.9933, -2.9952,
3.8235)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 676863 |
| RGB | 103, 104, 99 |
| RGB Percent | 40%, 41%, 39% |
| CMY | 0.5961, 0.5921, 0.6118 |
| CMYK | 0.01, 0.00, 0.05, 0.59 |
| HSL | 72°, 2%, 40% |
| HSV | 72°, 5%, 41% |
| XYZ | 12.7960, 13.6850, 13.7714 |
| YIQ | 103.1310, 1.0090, -1.7670 |

Conversions

Conversions Part 2

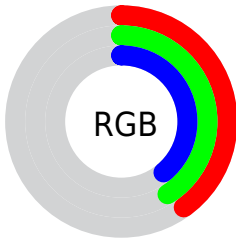
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 99, 104, 100 |
| Decimal | 6776931 |
| CIE Lab | 43.78, -1.40, 2.67 |
| CIE LCh | 44, 3.019, 117.706 |
| Yxy | 13.6856, 0.3179, 0.3400 |
| Android (android.graphics.Color) | 4284967011 (0xFF676863) |
| YUV | 103.1310, -2.0366, -0.1149 |
| Hunter-Lab | 36.9933, -2.9952, 3.8235 |

Details

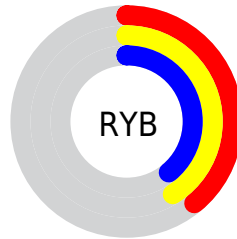
The HunterLab color **36.9933, -2.9952, 3.8235** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35.5427, -0.8466, 0.0382**, and the grayscale version is **36.8858, -1.9681, 2.0041**.

A 20% lighter version of the original color is **57.0217, -4.1458, 5.0619**, and **20.0600, -1.8555, 2.3734** is the 20% darker color. If you saturate the color by 10%, you get **36.5755, -4.9817, 7.2719**, and if you desaturate by 10%, it is **37.4464, -0.8543, -0.0280**.

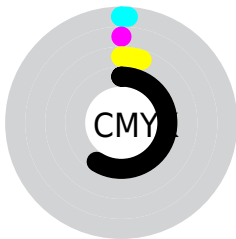
Distribution



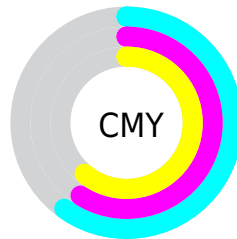
- Red (40%)
- Green (41%)
- Blue (39%)



- Red (39%)
- Yellow (41%)
- Blue (39%)



- Cyan (1%)
- Magenta (0%)
- Yellow (5%)
- Black (59%)



- Cyan (60%)
- Magenta (59%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 36.9933, -2.9952, 3.8235 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 36.9933, -2.9952, 3.8235 by changing the saturation by 10% instead.

■ 36.9933, -2.9952,
3.8235

■ 36.9933, -2.9952,
3.8235

■ 146.7196, -9.4566,
10.8972

■ 28.1111, -2.4314,
3.1735

■ 57.0352, -4.2265,
5.2097

■ 20.0811, -1.9025,
2.5505

■ 68.0884, -4.8892,
5.9443

■ 13.0068, -1.4108,
1.9524

■ 79.7755, -5.5818,
6.7059

■ 6.4678, -1.2912,
2.0652

■ 92.0640, -6.3032,
7.4940

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 104.9258, -7.0523,
8.3077

0.0000, NaN, NaN

■ 118.3363, -7.8281,

0.0000, NaN, NaN

132.2740, -8.6298,
10.0100

■ 36.9933, -2.9952,
3.8235

■ 36.9933, -2.9952,
3.8235

■ 36.5755, -4.9817,
7.2719

■ 37.4464, -0.8543,
-0.0280

■ 36.1903, -6.8075,
10.3111

■ 37.9323, 1.4390,
-4.2767

■ 35.8382, -8.4715,
12.9403

■ 38.4518, 3.8783,
-8.9119

■ 35.5186, -9.9727,
15.1626

■ 39.0047, 6.4576,
-13.9216

■ 35.2305, -11.3122,
16.9850

■ 39.5905, 9.1699,
-19.2918

■ 34.9729, -12.4930,
18.4198

■ 40.2088, 12.0083,
-25.0073

■ 34.7444, -13.5204,
19.4850

■ 40.8591, 14.9654,
-31.0522

■ 34.5431, -14.4026,
20.2052

■ 41.5407, 18.0338,
-37.4095

■ 34.3648, -15.1625,
20.6425

■ 42.2530, 21.2062,
-44.0625

Harmonies

Analogous

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



36.9941, -1.8875, 4.0500



36.9933, -2.9952, 3.8235



36.9941, -3.8225, 3.1175

Triad

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



36.9941, -2.9961, 3.8241



36.9941, -3.1473, 0.1953



36.9941, 0.2545, 1.9296

Complementary

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



36.9933, -2.9952, 3.8235



35.5427, -0.8466, 0.0382

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.



36.9941, -0.0923, 0.8747



36.9933, -2.9952, 3.8235



36.9941, -2.0642, -0.1454

Square

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



36.9941, -2.9961, 3.8241



36.9941, -3.9090, 1.0245



36.9941, -0.9445, 0.1069



36.9941, -0.0022, 2.9763

Rectangle

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



36.9933, -2.9952, 3.8235



36.9941, -4.1070, 2.4578



36.9941, -0.9445, 0.1069



36.9941, 0.2046, 1.5640

Sweetspot

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



36.9941, -2.9961, 3.8241



49.2203, -2.9197, 3.1983



35.9981, -0.9217, 2.7232



24.3143, -1.4303, 1.5585



74.4461, -3.9723, 4.0448



24.3420, -1.2988, 1.3225

Same Dimension

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



36.9941, -2.9961, 3.8241



48.9210, -4.3382, 5.7175



36.7968, -3.6898, 3.5889



18.0603, -1.6078, 2.1217



38.0364, -17.3248, 23.1345



86.6520, -40.3960, 52.6874

Inverse Universe

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



35.5427, -0.8466, 0.0382



46.4584, -0.6903, -0.7079



35.7457, -0.1484, 0.2996



17.1421, -0.2476, -0.2741



11.8914, 30.7250, -72.6294



26.5841, 69.6971, -170.1917

Previews

White Background



This preview shows how the HunterLab color 36.9933, -2.9952, 3.8235 looks on a white 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 × Fail

Black Background



This preview shows how the HunterLab color 36.9933, -2.9952, 3.8235 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

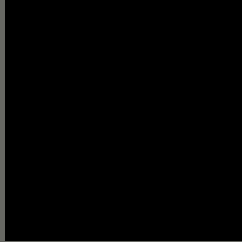
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

HunterLab 36.9933, -2.9952, 3.8235 Background



This preview shows how black text looks on a background with the HunterLab color 36.9933, -2.9952, 3.8235.



This preview shows how white text looks on a background with the HunterLab color 36.9933, -2.9952,

3.8235.

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

36.9933, -2.9952, 3.8235

Protanopia

36.9412, -1.8372, 4.1848

Deuteranopia

36.9855, 2.4932, 3.5065



Tritanopia

36.9213, 0.1307, -0.9363

Trichromacy



Original Color

36.9933, -2.9952, 3.8235

Protanomaly

36.8586, -2.1244, 4.0874

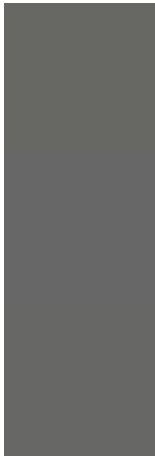
Deuteranomaly

36.8876, 0.8193, 3.3656

Tritanomaly

36.9921, -1.2312, 0.9179

Monochromacy



Original Color

36.9933, -2.9952, 3.8235

Achromatopsia

36.8284, -1.9651, 2.0010

Achromatomaly

36.8013, -2.1137, 2.3879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 36.9933, -2.9952, 3.8235 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(103, 104, 99)` looks like.

```
.text, #text, p{  
    color:rgb(103, 104, 99)  
}
```

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(103, 104, 99) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 104, 99) }
```

Border

The CSS property to change the border of an element to HunterLab 36.9933, -2.9952, 3.8235 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(103, 104, 99) }
```


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

```
.border{ border-color:rgb(103, 104, 99) }
```

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

Here you see how a box with a 4 pixel rgb(103, 104, 99) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 104, 99); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 104, 99);  
box-shadow:4px 4px 4px 4px rgb(103, 104,  
99) }
```

Background

The CSS property to change the background color of an element to HunterLab 36.9933, -2.9952, 3.8235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 104, 99) }
```

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

```
.background{ background-color: rgb(103,  
104, 99) }
```

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