

Converting Colors

HunterLab(35.8363, -1.6368,
3.7447)

Have a look what the booklet for
HunterLab(35.8363, -1.6368, 3.7447)
contains.

HunterLab(35.8363, -1.6368, 3.7447)	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(35.8363, -1.6368,
3.7447)

Conversions

Conversions Part 1

Format	Color
Hex	676460
RGB	103, 100, 96
RGB Percent	40%, 39%, 38%
CMY	0.5961, 0.6078, 0.6235
CMYK	0.00, 0.03, 0.07, 0.60
HSL	34°, 4%, 39%
HSV	34°, 7%, 40%
XYZ	12.2620, 12.8424, 12.8988
YIQ	100.4410, 3.0720, -0.6080

Conversions

Conversions Part 2

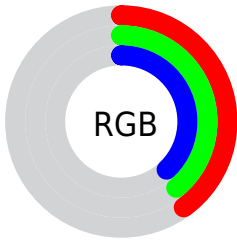
Format	Color
RYB	101, 103, 96
Decimal	6775904
CIELab	42.53, 0.38, 2.68
CIElCh	43, 2.707, 81.894
Yxy	12.8430, 0.3227, 0.3379
Android (android.graphics.Color)	4284965984 (0xFF676460)
YUV	100.4410, -2.1894, 2.2442
Hunter-Lab	35.8363, -1.6368, 3.7447

Details

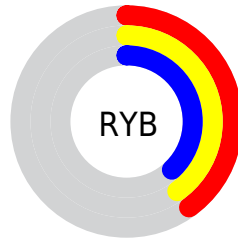
The HunterLab color **35.8363, -1.6368, 3.7447** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **35.1987, -2.0931, 0.0378**, and the grayscale version is **35.8719, -1.9140, 1.9490**.

A 20% lighter version of the original color is **55.7482, -2.8428, 5.3801**, and **19.0191, -0.6251, 2.3014** is the 20% darker color. If you saturate the color by 10%, you get **34.4122, -1.0524, 6.1261**, and if you desaturate by 10%, it is **37.3023, -2.1005, 1.1451**.

Distribution



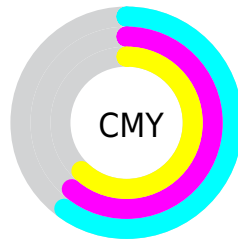
- Red (40%)
- Green (39%)
- Blue (38%)



- Red (40%)
- Yellow (40%)
- Blue (38%)



- Cyan (0%)
- Magenta (3%)
- Yellow (7%)
- Black (60%)



- Cyan (60%)
- Magenta (61%)
- Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.8363, -1.6368, 3.7447 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 35.8363, -1.6368, 3.7447 by changing the saturation by 10% instead.

■ 35.8363, -1.6368,
3.7447

■ 35.8363, -1.6368,
3.7447

■ 144.8823, -7.2984,
10.7918

■ 27.0564, -1.1934,
3.0978

■ 55.6968, -2.6548,
5.1246

■ 19.1398, -0.7979,
2.4777

■ 66.6679, -3.2211,
5.8561

■ 12.1946, -0.4581,
1.8817

■ 78.2775, -3.8225,
6.6147

■ 5.2878, 0.0321,
2.3884

■ 90.4923, -4.4572,
7.3997

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 103.2837, -5.1235,
8.2106

0.0000, NaN, NaN

■ 116.6267, -5.8199,

0.0000, NaN, NaN

130.4994, -6.5453,
9.9072

■ 35.8363, -1.6368,
3.7447

■ 35.8363, -1.6368,
3.7447

■ 34.4122, -1.0524,
6.1261

■ 37.3023, -2.1005,
1.1451

■ 33.0304, -0.3368,
8.2691

■ 38.8054, -2.4485,
-1.6571

■ 31.6944, 0.5165,
10.1551

■ 40.3441, -2.6894,
-4.6452

■ 30.4074, 1.5138,
11.7646

■ 41.9161, -2.8307,
-7.8046

■ 29.1724, 2.6603,
13.0787

■ 43.5196, -2.8792,
-11.1218

■ 27.9926, 3.9587,
14.0806

■ 45.1528, -2.8416,
-14.5846

■ 26.8710, 5.4084,
14.7577

■ 46.8140, -2.7240,
-18.1822

■ 25.8104, 7.0041,
15.1049

■ 48.5016, -2.5321,
-21.9046

■ 24.8074, 8.7055,
15.2121

■ 50.2143, -2.2711,
-25.7429

Harmonies

Analogous

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



35.8371, -0.6984, 3.3849



35.8363, -1.6368, 3.7447



35.8371, -2.6409, 3.6355

Triad

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



35.8371, -1.6377, 3.7453



35.8371, -3.7119, 1.2496



35.8371, -0.3611, 0.7827

Complementary

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



35.8363, -1.6368, 3.7447



35.1987, -2.0931, 0.0378

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.



35.8371, -1.1814, 0.1800



35.8363, -1.6368, 3.7447



35.8371, -3.1138, 0.4547

Square

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



35.8371, -1.6377, 3.7453



35.8371, -3.8310, 2.2122



35.8371, -2.1896, 0.0583



35.8371, 0.0440, 1.6872

Rectangle

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



35.8363, -1.6368, 3.7447



35.8371, -3.2116, 3.3090



35.8371, -2.1896, 0.0583



35.8371, -0.5979, 0.5371

Sweetspot

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



35.8371, -1.6377, 3.7453



48.8770, -2.5046, 3.3985



34.8582, 0.6020, 1.3976



24.1588, -1.2424, 1.6493



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.



35.8371, -1.6377, 3.7453



47.6770, -2.0891, 5.4886



36.6077, -3.1041, 4.5798



17.5543, -0.7531, 2.1084



27.3464, 10.6458, 17.0371



61.0259, 27.3559, 38.0828

Inverse Universe

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



35.1987, -2.0931, 0.0378



46.6434, -2.8261, -0.5150



34.4345, -0.6248, -0.8871



17.1416, -1.0473, -0.2887



18.5497, 7.8054, -40.0350



40.3444, 22.2658, -98.4924

Previews

White Background



This preview shows how the HunterLab color 35.8363, -1.6368, 3.7447 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 35.8363, -1.6368, 3.7447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

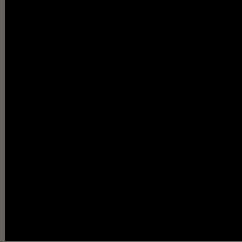
Any Text WCAG AA × Fail

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 35.8363, -1.6368, 3.7447 Background



This preview shows how black text looks on a background with the HunterLab color 35.8363, -1.6368, 3.7447.



This preview shows how white text looks on a background with the HunterLab color 35.8363, -1.6368,

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

35.8363, -1.6368, 3.7447

Protanopia

35.8363, -1.6368, 3.7447

Deuteranopia

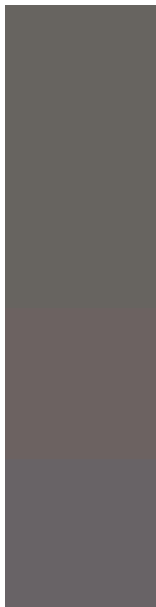
35.7659, 2.2297, 3.3301



Tritanopia

35.6637, 1.0435, -0.6748

Trichromacy



Original Color

35.8363, -1.6368, 3.7447

Protanomaly

35.8363, -1.6368, 3.7447

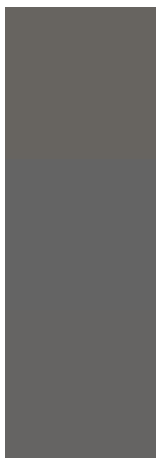
Deuteranomaly

35.7583, 0.8677, 3.2977

Tritanomaly

35.8135, -0.0275, 1.2571

Monochromacy



Original Color

35.8363, -1.6368, 3.7447

Achromatopsia

35.6984, -1.9048, 1.9396

Achromatomaly

35.7518, -1.7731, 2.4229

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 35.8363, -1.6368, 3.7447 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, 100, 96)` looks like.

```
.text, #text, p{  
    color:rgb(103, 100, 96)  
}
```

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, 100, 96) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(103, 100, 96) }
```

Border

The CSS property to change the border of an element to HunterLab 35.8363, -1.6368, 3.7447 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, 100, 96) }
```


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

```
.border{ border-color:rgb(103, 100, 96) }
```

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

Here you see how a box with a 4 pixel `rgb(103, 100, 96)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(103, 100, 96); -webkit-box-  
shadow:4px 4px 4px 4px rgb(103, 100, 96);  
box-shadow:4px 4px 4px 4px rgb(103, 100,  
96) }
```

Background

The CSS property to change the background color of an element to HunterLab 35.8363, -1.6368, 3.7447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(103, 100, 96) }
```

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

```
.background{ background-color: rgb(103,  
100, 96) }
```

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