

Converting Colors

HunterLab(37.3727, -1.5202,
10.8619)

Have a look what the booklet for
HunterLab(37.3727, -1.5202,
10.8619) contains.

HunterLab(37.3156, -1.3539, 10.9113)	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(37.3156, -1.3539,
10.9113)**

Conversions

Conversions Part 1

Format	Color
Hex	736750
RGB	115, 103, 80
RGB Percent	45%, 40%, 31%
CMY	0.5490, 0.5961, 0.6863
CMYK	0.00, 0.10, 0.30, 0.55
HSL	39°, 18%, 38%
HSV	39°, 30%, 45%
XYZ	13.3685, 13.9245, 9.5725
YIQ	103.9660, 14.5350, -4.6090

Conversions

Conversions Part 2

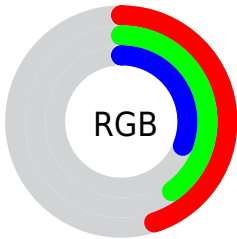
Format	Color
RYB	98, 115, 80
Decimal	7563088
CIELab	44.13, 0.87, 14.73
CIElCh	44, 14.758, 86.630
Yxy	13.9252, 0.3626, 0.3777
Android (android.graphics.Color)	4285753168 (0xFF736750)
YUV	103.9660, -11.8152, 9.6768
Hunter-Lab	37.3156, -1.3539, 10.9113

Details

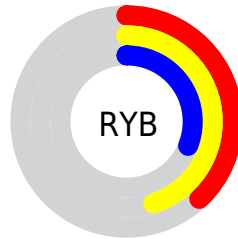
The HunterLab color **37.3156, -1.3539, 10.9113** is a dark color, and the websafe version is hex **666666**. A complement of this color would be **32.5535, -0.8754, -9.4972**, and the grayscale version is **37.2337, -1.9867, 2.0230**.

A 20% lighter version of the original color is **57.3687, -2.5263, 13.8417**, and **20.2681, -0.5556, 7.8278** is the 20% darker color. If you saturate the color by 10%, you get **36.0605, -0.7524, 13.0830**, and if you desaturate by 10%, it is **38.6171, -1.7941, 8.3937**.

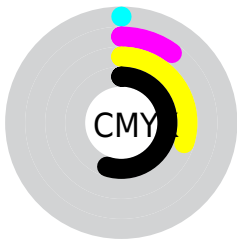
Distribution



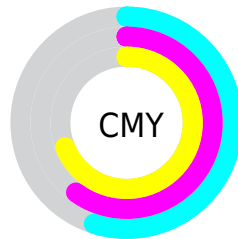
- Red (45%)
- Green (40%)
- Blue (31%)



- Red (38%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (10%)
- Yellow (30%)
- Black (55%)



- Cyan (55%)
- Magenta (60%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3156, -1.3539, 10.9113 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 37.3156, -1.3539, 10.9113 by changing the saturation by 10% instead.

■ 37.3156, -1.3539,
10.9113

■ 37.3156, -1.3539,
10.9113

■ 147.2294, -6.8576,
23.3377

■ 28.4054, -0.9343,
9.4165

■ 57.4075, -2.3303,
13.7623

■ 20.3443, -0.5646,
7.8381

■ 68.4832, -2.8775,
15.1483

■ 13.2347, -0.2538,
6.2508

■ 80.1917, -3.4609,
16.5205

■ 6.7580, 0.1985,
4.7306

■ 92.5006, -4.0784,
17.8849

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.3818, -4.7283,
19.2460

0.0000, NaN, NaN

118.8109, -5.4089,

0.0000, NaN, NaN

132.7665, -6.1191,
21.9701

■ 37.3156, -1.3539,
10.9113

■ 37.3156, -1.3539,
10.9113

■ 36.0605, -0.7524,
13.0830

■ 38.6171, -1.7941,
8.3937

■ 34.8513, 0.0193,
14.8901

■ 39.9605, -2.0757,
5.5477

■ 33.6908, 0.9630,
16.3184

■ 41.3446, -2.2069,
2.3933

■ 32.5805, 2.0794,
17.3582

■ 42.7674, -2.1954,
-1.0503

■ 31.5217, 3.3656,
18.0066

■ 44.2270, -2.0489,
-4.7641

■ 30.5152, 4.8135,
18.2724

■ 45.7216, -1.7751,
-8.7301

■ 29.5906, 6.2827,
18.3436

■ 47.2495, -1.3815,
-12.9311

■ 48.8090, -0.8755,
-17.3511

■ 50.3985, -0.2640,
-21.9752

Harmonies

Analogous

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



37.3165, 4.1445, 9.6427



37.3156, -1.3539, 10.9113



37.3165, -6.7184, 10.1079

Triad

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



37.3165, -1.3551, 10.9118



37.3165, -11.1779, -2.8810



37.3165, 7.4760, -4.0829

Complementary

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



37.3156, -1.3539, 10.9113



32.5535, -0.8754, -9.4972

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.



37.3165, 2.9796, -8.3864



37.3156, -1.3539, 10.9113



37.3165, -7.7580, -7.6235

Square

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



37.3165, -1.3551, 10.9118



37.3165, -12.1882, 2.6311



37.3165, -2.6268, -9.7688



37.3165, 9.4296, 1.4213

Rectangle

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



37.3156, -1.3539, 10.9113



37.3165, -9.5346, 8.4285



37.3165, -2.6268, -9.7688



37.3165, 6.1993, -5.7475

Sweetspot

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



37.3165, -1.3551, 10.9118



53.6928, -2.8090, 6.9395



31.8739, 10.7610, 0.8875



26.1186, -1.3567, 3.6251



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



37.3165, -1.3551, 10.9118



48.6630, -1.2261, 16.8364



40.1743, -8.1981, 13.4108



20.1617, -1.0558, 2.5764



31.5742, 6.8418, 19.5756



68.5141, 17.4172, 42.5230

Inverse Universe

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



32.5535, -0.8754, -9.4972



40.7947, -0.3302, -17.0809



29.8636, 5.9110, -13.6967



19.4324, -0.9955, -0.5229



17.5156, 13.8224, -51.7315



36.7390, 35.5046, -122.5648

Previews

White Background



This preview shows how the HunterLab color 37.3156, -1.3539, 10.9113 looks on a white background.

Color Contrast Check

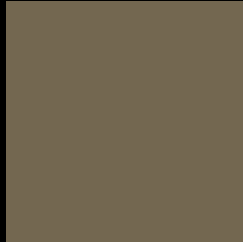
Large Text (above 18pt) WCAG AA ✓ Pass

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 37.3156, -1.3539, 10.9113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

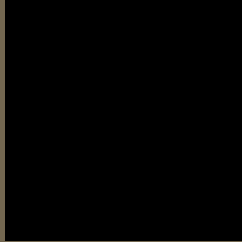
Any Text WCAG AA × Fail

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 37.3156, -1.3539, 10.9113 Background



This preview shows how black text looks on a background with the HunterLab color 37.3156, -1.3539, 10.9113.



This preview shows how white text looks on a background with the HunterLab color 37.3156, -1.3539,

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

37.3156, -1.3539, 10.9113

Protanopia

37.2481, -2.9286, 10.5097

Deuteranopia

37.2102, 2.3693, 10.5664



Tritanopia

37.1978, 4.9015, 0.8358

Trichromacy



Original Color

37.3156, -1.3539, 10.9113

Protanomaly

37.3356, -2.6225, 10.5980

Deuteranomaly

37.1798, 0.9328, 10.5124

Tritanomaly

37.0936, 2.7017, 4.8276

Monochromacy



Original Color

37.3156, -1.3539, 10.9113

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.3028, -2.1148, 5.7409

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3156, -1.3539, 10.9113 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(115, 103, 80)` looks like.

```
.text, #text, p{  
    color:rgb(115, 103, 80)  
}
```

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(115, 103, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 103, 80) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3156, -1.3539, 10.9113 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(115, 103, 80) }
```


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

```
.border{ border-color:rgb(115, 103, 80) }
```

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

Here you see how a box with a 4 pixel rgb(115, 103, 80) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 103, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 103, 80);  
box-shadow:4px 4px 4px 4px rgb(115, 103,  
80) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3156, -1.3539, 10.9113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 103, 80) }
```

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

```
.background{ background-color: rgb(115,  
103, 80) }
```

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