

Converting Colors

HunterLab(37.5386, -1.2511,
14.2920)

Have a look what the booklet for
HunterLab(37.5386, -1.2511,
14.2920) contains.

HunterLab(37.4861, -1.1638, 14.1734)	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(37.4861, -1.1638,
14.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	776745
RGB	119, 103, 69
RGB Percent	47%, 40%, 27%
CMY	0.5333, 0.5961, 0.7294
CMYK	0.00, 0.13, 0.42, 0.53
HSL	41°, 27%, 37%
HSV	41°, 42%, 47%
XYZ	13.5321, 14.0521, 7.6293
YIQ	103.9080, 20.4500, -7.1820

Conversions

Conversions Part 2

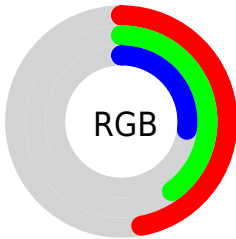
Format	Color
RYB	93, 119, 69
Decimal	7825221
CIELab	44.31, 1.14, 21.53
CIELCh	44, 21.556, 86.981
Yxy	14.0527, 0.3843, 0.3991
Android (android.graphics.Color)	4286015301 (0xFF776745)
YUV	103.9080, -17.2096, 13.2357
Hunter-Lab	37.4861, -1.1638, 14.1734

Details

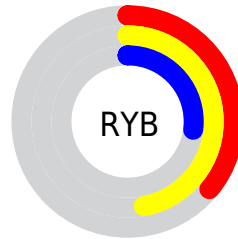
The HunterLab color $37.4861, -1.1638, 14.1734$ is a dark color, and the websafe version is hex 666633 . A complement of this color would be $30.1558, 0.6921, -15.7201$, and the grayscale version is $37.2298, -1.9865, 2.0228$.

A 20% lighter version of the original color is $57.6106, -2.1695, 17.8223$, and $20.4053, -0.3343, 9.8955$ is the 20% darker color. If you saturate the color by 10%, you get $36.3031, -0.4503, 16.0185$, and if you desaturate by 10%, it is $38.7175, -1.7027, 11.9366$.

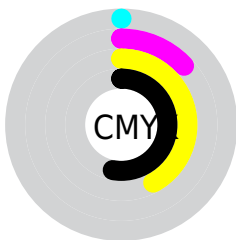
Distribution



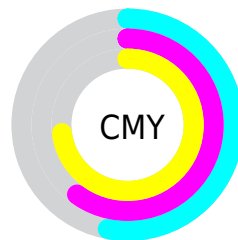
- Red (47%)
- Green (40%)
- Blue (27%)



- Red (36%)
- Yellow (47%)
- Blue (27%)



- Cyan (0%)
- Magenta (13%)
- Yellow (42%)
- Black (53%)



- Cyan (53%)
- Magenta (60%)
- Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.4861, -1.1638, 14.1734 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 37.4861, -1.1638, 14.1734 by changing the saturation by 10% instead.

■ 37.4861, -1.1638,
14.1734

■ 37.4861, -1.1638,
14.1734

■ 147.4987, -6.5600,
29.8407

■ 28.5611, -0.7603,
12.1573

■ 57.6043, -2.1118,
17.9231

■ 20.4836, -0.4082,
9.9897

■ 68.6919, -2.6461,
19.7060

■ 13.3555, -0.1174,
8.3732

■ 80.4117, -3.2172,
21.4485

■ 6.9063, 0.3475,
4.8344

■ 92.7313, -3.8230,
23.1610

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.6227, -4.4617,
24.8512

0.0000, NaN, NaN

119.0617, -5.1317,

0.0000, NaN, NaN

26.5250

0.0000, NaN, NaN

133.0267, -5.8315,
28.1870

■ 37.4861, -1.1638,
14.1734

■ 37.4861, -1.1638,
14.1734

■ 36.3031, -0.4503,
16.0185

■ 38.7175, -1.7027,
11.9366

■ 35.1675, 0.4442,
17.4580

■ 39.9929, -2.0675,
9.3230

■ 34.0813, 1.5180,
18.4856

■ 41.3115, -2.2653,
6.3511

■ 33.0454, 2.7666,
19.1027

■ 42.6715, -2.3029,
3.0403

■ 32.0597, 4.1804,
19.3237

■ 44.0709, -2.1878,
-0.5895

■ 31.2985, 5.3659,
19.3799

■ 45.5080, -1.9277,
-4.5190

■ 46.9810, -1.5305,
-8.7291

■ 48.4883, -1.0037,
-13.2016

■ 50.0283, -0.3550,
-17.9193

Harmonies

Analogous

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



37.4870, 7.0151, 12.5940



37.4861, -1.1638, 14.1734



37.4870, -8.9138, 13.1280

Triad

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



37.4870, -1.1652, 14.1738



37.4870, -15.0859, -5.4504



37.4870, 12.2082, -7.1226

Complementary

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



37.4861, -1.1638, 14.1734



30.1558, 0.6921, -15.7201

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.



37.4870, 5.4495, -14.0031



37.4861, -1.1638, 14.1734



37.4870, -10.2403, -12.9005

Square

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



37.4870, -1.1652, 14.1738



37.4870, -16.5300, 2.8247



37.4870, -2.8320, -16.3161



37.4870, 15.1424, 1.2390

Rectangle

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



37.4861, -1.1638, 14.1734



37.4870, -12.8829, 10.9252



37.4870, -2.8320, -16.3161



37.4870, 10.2812, -9.7489

Sweetspot

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



37.4870, -1.1652, 14.1738



55.0472, -3.0090, 9.0480



29.7402, 16.3905, 1.2007



26.6367, -1.4463, 4.7765



78.7982, -4.2045, 4.2813



27.9800, -1.4929, 1.5202

Same Dimension

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



37.4870, -1.1652, 14.1738



48.6961, -0.6822, 21.2700



41.2083, -10.6713, 17.1046



20.1944, -1.1101, 2.6114



32.2336, 5.5825, 19.9599



70.0251, 14.4780, 43.4026

Inverse Universe

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



30.1558, 0.6921, -15.7201



36.9161, 2.6196, -27.4014



26.7954, 10.0347, -21.9305



19.3998, -0.9412, -0.5630



16.9608, 15.2414, -54.1014



35.5335, 38.8117, -128.1971

Previews

White Background



This preview shows how the HunterLab color 37.4861, -1.1638, 14.1734 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 37.4861, -1.1638, 14.1734 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

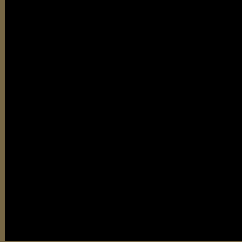
Any Text WCAG AA × Fail

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 37.4861, -1.1638, 14.1734 Background



This preview shows how black text looks on a background with the HunterLab color 37.4861, -1.1638, 14.1734.



This preview shows how white text looks on a background with the HunterLab color 37.4861, -1.1638, 14.1734.

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

37.4861, -1.1638, 14.1734

Protanopia

37.5803, -3.5592, 13.9528

Deuteranopia

37.4061, 2.6200, 13.9111



Tritanopia

37.3991, 6.8009, 1.5471

Trichromacy



Original Color

37.4861, -1.1638, 14.1734

Protanomaly

37.4911, -2.4851, 13.8949

Deuteranomaly

37.3638, 1.1503, 13.8489

Tritanomaly

37.4730, 3.7731, 6.7715

Monochromacy



Original Color

37.4861, -1.1638, 14.1734

Achromatopsia

37.2064, -1.9852, 2.0215

Achromatomaly

37.2923, -2.3414, 7.2026

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.4861, -1.1638, 14.1734 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(119, 103, 69)` looks like.

```
.text, #text, p{  
    color:rgb(119, 103, 69)  
}
```

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(119, 103, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 103, 69) }
```

Border

The CSS property to change the border of an element to HunterLab 37.4861, -1.1638, 14.1734 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(119, 103, 69) }
```


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

```
.border{ border-color:rgb(119, 103, 69) }
```

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

Here you see how a box with a 4 pixel rgb(119, 103, 69) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(119, 103, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(119, 103, 69);  
box-shadow:4px 4px 4px 4px rgb(119, 103,  
69) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.4861, -1.1638, 14.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 103, 69) }
```

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

```
.background{ background-color: rgb(119,  
103, 69) }
```

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