

Converting Colors

HunterLab(37.3017, -15.6455,
8.7685)

Have a look what the booklet for
HunterLab(37.3017, -15.6455,
8.7685) contains.

HunterLab(37.3336, -15.5667, 8.7504)	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(37.3336,
-15.5667, 8.7504)**

Conversions

Conversions Part 1

Format	Color
Hex	4A7156
RGB	74, 113, 86
RGB Percent	29%, 44%, 34%
CMY	0.7098, 0.5569, 0.6627
CMYK	0.35, 0.00, 0.24, 0.56
HSL	138°, 21%, 37%
HSV	138°, 35%, 44%
XYZ	10.4089, 13.9380, 10.9458
YIQ	98.2610, -14.5770, -16.6650

Conversions

Conversions Part 2

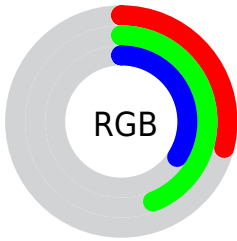
Format	Color
RYB	74, 104, 113
Decimal	4878678
CIELab	44.14, -20.02, 10.70
CIELCh	44, 22.705, 151.878
Yxy	13.9386, 0.2949, 0.3949
Android (android.graphics.Color)	4283068758 (0xFF4A7156)
YUV	98.2610, -6.0447, -21.2769
Hunter-Lab	37.3336, -15.5667, 8.7504

Details

The HunterLab color $37.3336, -15.5667, 8.7504$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $30.5748, 14.2648, -4.7864$, and the grayscale version is $35.0726, -1.8714, 1.9056$.

A 20% lighter version of the original color is $57.4221, -19.0093, 11.0002$, and $20.4296, -11.7895, 6.2940$ is the 20% darker color. If you saturate the color by 10%, you get $36.6201, -18.6670, 10.5145$, and if you desaturate by 10%, it is $38.1591, -12.0877, 6.9122$.

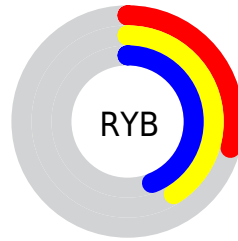
Distribution



Red (29%)

Green (44%)

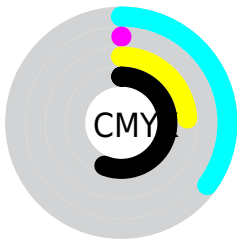
Blue (34%)



Red (29%)

Yellow (41%)

Blue (44%)

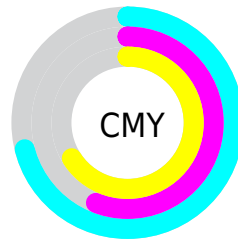


Cyan (35%)

Magenta (0%)

Yellow (24%)

Black (56%)



Cyan (71%)

Magenta (56%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3336, -15.5667, 8.7504 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 37.3336, -15.5667, 8.7504 by changing the saturation by 10% instead.

■ 37.3336, -15.5667,
8.7504

■ 37.3336, -15.5667,
8.7504

147.2577,
-30.3459, 19.3252

■ 28.4217, -13.7169,
7.5521

■ 57.4282, -19.0475,
11.0901

■ 20.3589, -11.7448,
6.3107

■ 68.5051, -20.7181,
12.2500

■ 13.2474, -9.5796,
4.9909

■ 80.2149, -22.3592,
13.4109

■ 6.7738, -11.8541,
4.7417

■ 92.5248, -23.9788,
14.5764

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4071,
-25.5831, 15.7489

0.0000, NaN, NaN

118.8373,

0.0000, NaN, NaN

-27.1768, 16.9304

0.0000, NaN, NaN

132.7939,
-28.7634, 18.1222

■ 37.3336, -15.5667,
8.7504

■ 37.3336, -15.5667,
8.7504

■ 36.6201, -18.6670,
10.5145

■ 38.1591, -12.0877,
6.9122

■ 36.0163, -21.3596,
12.1837

■ 39.0930, -8.2617,
5.0182

■ 35.5212, -23.6266,
13.7393

■ 40.1336, -4.1261,
3.0872

■ 35.1313, -25.4609,
15.1640

■ 41.2775, 0.2806,
1.1357

■ 34.8409, -26.8693,
16.4428

■ 42.5207, 4.9206,
-0.8217

■ 34.6376, -27.8910,
17.5607

■ 43.8588, 9.7582,
-2.7725

■ 34.5409, -28.3788,
18.0885

■ 45.2870, 14.7604,
-4.7069

■ 46.8006, 19.8977,
-6.6169

■ 48.3948, 25.1444,
-8.4967

Harmonies

Analogous

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



37.3344, -10.3829, 13.1313



37.3336, -15.5667, 8.7504



37.3344, -17.2141, 1.5097

Triad

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



37.3344, -15.5673, 8.7508



37.3344, -1.4471, -17.5061



37.3344, 13.2155, 9.4635

Complementary

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



37.3336, -15.5667, 8.7504



30.5748, 14.2648, -4.7864

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.



37.3344, 16.1380, 2.5473



37.3336, -15.5667, 8.7504



37.3344, 7.2078, -14.0661

Square

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



37.3344, -15.5673, 8.7508



37.3344, -9.5192, -14.8002



37.3344, 13.8467, -6.2267



37.3344, 6.1787, 13.4721

Rectangle

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



37.3336, -15.5667, 8.7504



37.3344, -16.2168, -4.3615



37.3344, 13.8467, -6.2267



37.3344, 14.7391, 7.4633

Sweetspot

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



37.3344, -15.5673, 8.7508



52.8858, -8.7530, 5.6225



38.8450, -10.3453, 13.8664



25.3620, -4.4919, 2.8368



76.6170, -4.0881, 4.1627



26.1505, -1.3953, 1.4208

Same Dimension

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



37.3344, -15.5673, 8.7508



49.2201, -24.0251, 13.5100



37.8031, -12.8473, 2.0228



19.4385, -2.9482, 1.9390



36.7827, -30.2524, 19.3310



82.0116, -68.0472, 44.3870

Inverse Universe

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



30.5748, 14.2648, -4.7864



38.3885, 23.9691, -8.1333



30.0245, 11.5137, 3.0173



18.5387, 0.9953, 0.1314



21.4627, 39.6635, -8.6731



47.7362, 87.9286, -17.0513

Previews

White Background



This preview shows how the HunterLab color 37.3336, -15.5667, 8.7504 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 37.3336, -15.5667, 8.7504 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

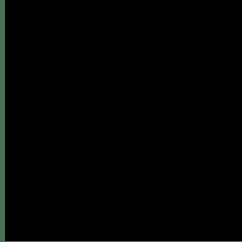
Any Text WCAG AA × Fail

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 37.3336, -15.5667, 8.7504 Background



This preview shows how black text looks on a background with the HunterLab color 37.3336, -15.5667, 8.7504.



This preview shows how white text looks on a background with the HunterLab color 37.3336,

-15.5667, 8.7504.

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

37.3336, -15.5667, 8.7504

Protanopia

37.2684, -2.8170, 10.2158

Deuteranopia

37.0912, 2.3114, 7.7882



Tritanopia

37.3507, -7.7912, -4.3281

Trichromacy



Original Color

37.3336, -15.5667, 8.7504

Protanomaly

37.0629, -7.7598, 9.6107

Deuteranomaly

37.0018, -4.9027, 7.9207

Tritanomaly

37.1647, -10.6722, 0.9605

Monochromacy



Original Color

37.3336, -15.5667, 8.7504

Achromatopsia

34.9484, -1.8648, 1.8988

Achromatomaly

35.5422, -7.0027, 4.1131

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3336, -15.5667, 8.7504 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(74, 113, 86)` looks like.

```
.text, #text, p{  
    color:rgb(74, 113, 86)  
}
```

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(74, 113, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 113, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3336, -15.5667, 8.7504 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(74, 113, 86) }
```


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

```
.border{ border-color:rgb(74, 113, 86) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 113, 86)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 113, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 113, 86);  
box-shadow:4px 4px 4px 4px rgb(74, 113,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3336, -15.5667, 8.7504 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 113, 86) }
```

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

```
.background{ background-color: rgb(74, 113,  
86) }
```

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