

Converting Colors

HunterLab(37.3531, -17.1237,
8.9084)

Have a look what the booklet for
HunterLab(37.3531, -17.1237,
8.9084) contains.

HunterLab(37.3302, -17.1245, 8.7197)	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(37.3302,
-17.1245, 8.7197)**

Conversions

Conversions Part 1

Format	Color
Hex	447256
RGB	68, 114, 86
RGB Percent	27%, 45%, 34%
CMY	0.7333, 0.5529, 0.6627
CMYK	0.40, 0.00, 0.25, 0.55
HSL	143°, 25%, 36%
HSV	143°, 40%, 45%
XYZ	10.0809, 13.9354, 10.9626
YIQ	97.0540, -18.4280, -18.4600

Conversions

Conversions Part 2

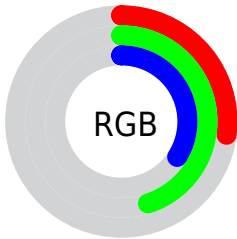
Format	Color
RYB	68, 101, 114
Decimal	4485718
CIELab	44.14, -22.55, 10.65
CIElCh	44, 24.936, 154.722
Yxy	13.9360, 0.2882, 0.3984
Android (android.graphics.Color)	4282675798 (0xFF447256)
YUV	97.0540, -5.4496, -25.4804
Hunter-Lab	37.3302, -17.1245, 8.7197

Details

The HunterLab color $[37.3302, -17.1245, 8.7197]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[29.2514, 16.6569, -4.1152]$, and the grayscale version is $[34.6198, -1.8472, 1.8810]$.

A 20% lighter version of the original color is $[57.3599, -20.8657, 10.9033]$, and $[20.4816, -13.0353, 6.3197]$ is the 20% darker color. If you saturate the color by 10%, you get $[36.6861, -19.9444, 10.2828]$, and if you desaturate by 10%, it is $[38.0840, -13.9246, 7.1226]$.

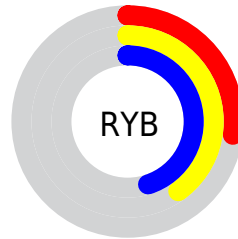
Distribution



Red (27%)

Green (45%)

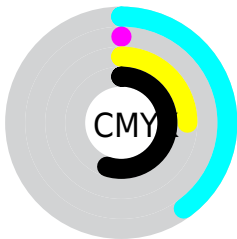
Blue (34%)



Red (27%)

Yellow (40%)

Blue (45%)

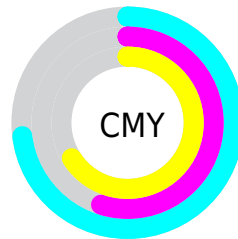


Cyan (40%)

Magenta (0%)

Yellow (25%)

Black (55%)



Cyan (73%)

Magenta (55%)

Yellow (66%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.3302, -17.1245, 8.7197 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 37.3302, -17.1245, 8.7197 by changing the saturation by 10% instead.

■ 37.3302, -17.1245,
8.7197

■ 37.3302, -17.1245,
8.7197

147.2523,
-33.0788, 19.2702

■ 28.4186, -15.0888,
7.5253

■ 57.4243, -20.9271,
11.0527

■ 20.3562, -12.9063,
6.2882

■ 68.5010, -22.7407,
12.2096

■ 13.2449, -10.4944,
4.9736

■ 80.2105, -24.5158,
13.3677

■ 6.7708, -11.8489,
4.7396

■ 92.5202, -26.2619,
14.5306

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 105.4023,
-27.9864, 15.7007

0.0000, NaN, NaN

118.8323,

0.0000, NaN, NaN

-29.6946, 16.8798

0.0000, NaN, NaN

132.7887,
-31.3909, 18.0693

■ 37.3302, -17.1245,
8.7197

■ 37.3302, -17.1245,
8.7197

■ 36.6861, -19.9444,
10.2828

■ 38.0840, -13.9246,
7.1226

■ 36.1484, -22.3619,
11.7928

■ 38.9448, -10.3712,
5.5074

■ 35.7150, -24.3666,
13.2324

■ 39.9117, -6.4977,
3.8901

■ 35.3812, -25.9596,
14.5846

■ 40.9821, -2.3397,
2.2848

■ 35.1397, -27.1563,
15.8335

■ 42.1525, 2.0666,
0.7034

■ 34.9594, -28.0736,
16.9065

■ 43.4190, 6.6860,
-0.8446

■ 44.7772, 11.4854,
-2.3516

■ 46.2226, 16.4344,
-3.8121

■ 47.7505, 21.5063,
-5.2224

Harmonies

Analogous

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



37.3310, -11.8444, 13.6840



37.3302, -17.1245, 8.7197



37.3310, -18.5186, 0.5724

Triad

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



37.3310, -17.1251, 8.7201



37.3310, -0.4775, -19.7802



37.3310, 14.2477, 10.6407

Complementary

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



37.3302, -17.1245, 8.7197



29.2514, 16.6569, -4.1152

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.



37.3310, 18.0233, 3.4350



37.3302, -17.1245, 8.7197



37.3310, 8.9974, -15.2693

Square

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



37.3310, -17.1251, 8.7201



37.3310, -9.4824, -17.3563



37.3310, 16.0124, -6.1809



37.3310, 6.1358, 14.5828

Rectangle

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



37.3302, -17.1245, 8.7197



37.3310, -17.1876, -5.9950



37.3310, 16.0124, -6.1809



37.3310, 16.1011, 8.5965

Sweetspot

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



37.3310, -17.1251, 8.7201



52.6453, -9.6497, 5.5757



38.6773, -12.6561, 15.2276



25.2596, -4.8690, 2.7748



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.



37.3310, -17.1251, 8.7201



48.7195, -26.0475, 13.4029



37.8951, -13.8324, 0.6329



19.4495, -2.8870, 1.7820



36.8799, -29.6459, 17.9002



82.2161, -66.7699, 41.3739

Inverse Universe

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



29.2514, 16.6569, -4.1152



35.9729, 27.5538, -6.7018



28.6318, 13.6197, 4.6958



18.5268, 0.9312, 0.3010



21.1253, 38.4517, -3.9774



46.9660, 85.1576, -6.2948

Previews

White Background



This preview shows how the HunterLab color 37.3302, -17.1245, 8.7197 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 37.3302, -17.1245, 8.7197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

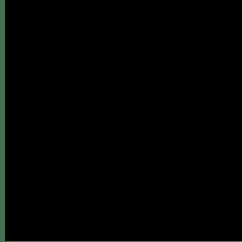
Any Text WCAG AA × Fail

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 37.3302, -17.1245, 8.7197 Background



This preview shows how black text looks on a background with the HunterLab color 37.3302, -17.1245, 8.7197.



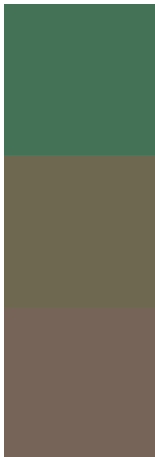
This preview shows how white text looks on a background with the HunterLab color 37.3302,

-17.1245, 8.7197.

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

37.3302, -17.1245, 8.7197

Protanopia

37.2481, -2.9286, 10.5097

Deuteranopia

37.0912, 2.3114, 7.7882



Tritanopia

37.3893, -9.0620, -4.7952

Trichromacy



Original Color

37.3302, -17.1245, 8.7197

Protanomaly

37.1249, -8.9868, 9.6493

Deuteranomaly

36.7655, -5.7458, 7.6653

Tritanomaly

37.1593, -12.1370, 0.4908

Monochromacy



Original Color

37.3302, -17.1245, 8.7197

Achromatopsia

34.5743, -1.8448, 1.8785

Achromatomaly

35.3118, -7.8906, 4.2328

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.3302, -17.1245, 8.7197 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(68, 114, 86)` looks like.

```
.text, #text, p{  
    color:rgb(68, 114, 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(68, 114, 86) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(68, 114, 86) }
```

Border

The CSS property to change the border of an element to HunterLab 37.3302, -17.1245, 8.7197 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(68, 114, 86) }
```


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

```
.border{ border-color:rgb(68, 114, 86) }
```

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

Here you see how a box with a 4 pixel rgb(68, 114, 86) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(68, 114, 86); -webkit-box-  
shadow:4px 4px 4px 4px rgb(68, 114, 86);  
box-shadow:4px 4px 4px 4px rgb(68, 114,  
86) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.3302, -17.1245, 8.7197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(68, 114, 86) }
```

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

```
.background{ background-color: rgb(68, 114,  
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