

Converting Colors

HunterLab(34.5179, -16.8714,
12.3757)

Have a look what the booklet for
HunterLab(34.5179, -16.8714,
12.3757) contains.

HunterLab(34.4717, -16.7104, 12.3472)	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(34.4717,
-16.7104, 12.3472)**

Conversions

Conversions Part 1

Format	Color
Hex	436A41
RGB	67, 106, 65
RGB Percent	26%, 42%, 25%
CMY	0.7373, 0.5843, 0.7451
CMYK	0.37, 0.00, 0.39, 0.58
HSL	117°, 24%, 34%
HSV	117°, 39%, 42%
XYZ	8.4229, 11.8830, 6.8507
YIQ	89.6650, -10.0830, -21.0190

Conversions

Conversions Part 2

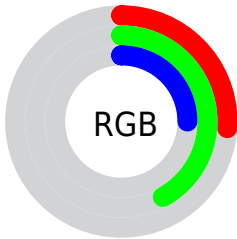
Format	Color
RYB	65, 106, 104
Decimal	4418113
CIELab	41.03, -22.90, 18.78
CIElCh	41, 29.616, 140.645
Yxy	11.8835, 0.3102, 0.4376
Android (android.graphics.Color)	4282608193 (0xFF436A41)
YUV	89.6650, -12.1598, -19.8772
Hunter-Lab	34.4717, -16.7104, 12.3472

Details

The HunterLab color $[34.4717, -16.7104, 12.3472]$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $[27.8650, 16.5841, -11.5540]$, and the grayscale version is $[31.8984, -1.7020, 1.7331]$.

A 20% lighter version of the original color is $[54.2475, -20.7539, 15.9887]$, and $[17.9407, -12.3235, 8.4946]$ is the 20% darker color. If you saturate the color by 10%, you get $[33.8320, -19.5712, 14.3014]$, and if you desaturate by 10%, it is $[35.2222, -13.4324, 10.0809]$.

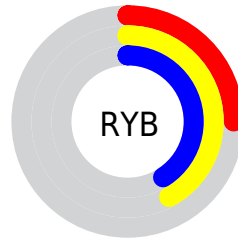
Distribution



Red (26%)

Green (42%)

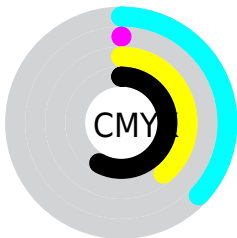
Blue (25%)



Red (25%)

Yellow (42%)

Blue (41%)

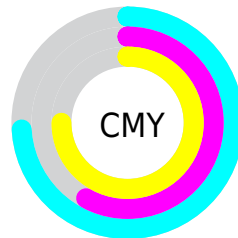


Cyan (37%)

Magenta (0%)

Yellow (39%)

Black (58%)



Cyan (74%)

Magenta (58%)

Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.4717, -16.7104, 12.3472 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 34.4717, -16.7104, 12.3472 by changing the saturation by 10% instead.

■ 34.4717, -16.7104,
12.3472

■ 34.4717, -16.7104,
12.3472

142.6998,
-32.9295, 26.7626

■ 25.8155, -14.6084,
10.5100

■ 54.1135, -20.6065,
15.7684

■ 18.0364, -12.3350,
8.5308

■ 64.9859, -22.4552,
17.4004

■ 11.2484, -10.1377,
7.7864

■ 76.5023, -24.2602,
18.9996

■ 3.3773, -5.9103,
2.3641

■ 88.6285, -26.0326,
20.5756

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.3353,
-27.7802, 22.1352

0.0000, NaN, NaN

■ 114.5972,

0.0000, NaN, NaN

-29.5092, 23.6837

0.0000, NaN, NaN

128.3920,
-31.2244, 25.2251

■ 34.4717, -16.7104,
12.3472

■ 34.4717, -16.7104,
12.3472

■ 33.8320, -19.5712,
14.3014

■ 35.2222, -13.4324,
10.0809

■ 33.3005, -21.9881,
15.9270

■ 36.0804, -9.7683,
7.5239

■ 32.8758, -23.9476,
17.2171

■ 37.0446, -5.7571,
4.7029

■ 32.5535, -25.4497,
18.1753

■ 38.1117, -1.4394,
1.6467

■ 32.3271, -26.5102,
18.8178

■ 39.2778, 3.1437,
-1.6155

■ 32.1769, -27.2226,
19.2766

■ 40.5382, 7.9531,
-5.0550

■ 32.1588, -27.3096,
19.3380

■ 41.8884, 12.9521,
-8.6452

■ 43.3233, 18.1081,
-12.3619

■ 44.8381, 23.3920,
-16.1835

Harmonies

Analogous

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



34.4724, -8.9821, 15.8884



34.4717, -16.7104, 12.3472



34.4724, -20.3177, 4.9878

Triad

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



34.4724, -16.7110, 12.3475



34.4724, -5.2106, -24.4458



34.4724, 20.2543, 8.2400

Complementary

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



34.4717, -16.7104, 12.3472



27.8650, 16.5841, -11.5540

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.



34.4724, 21.5943, -1.5550



34.4717, -16.7104, 12.3472



34.4724, 5.9329, -22.7433

Square

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



34.4724, -16.7110, 12.3475



34.4724, -14.2479, -17.5747



34.4724, 16.0740, -13.4657



34.4724, 12.6137, 14.0851

Rectangle

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



34.4717, -16.7104, 12.3472



34.4724, -20.2535, -2.0486



34.4724, 16.0740, -13.4657



34.4724, 21.4909, 5.3881

Sweetspot

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



34.4724, -16.7110, 12.3475



48.5922, -9.6174, 7.6332



36.5198, -6.0201, 14.2785



23.4660, -4.8720, 3.8473



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.



34.4724, -16.7110, 12.3475



44.9296, -25.4284, 18.6073



34.7331, -14.9767, 7.0141



18.5774, -2.9508, 2.4037



35.8183, -30.4494, 21.5380



80.7846, -69.0256, 48.5707

Inverse Universe

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



27.8650, 16.5841, -11.5540



34.4826, 27.4893, -19.4182



27.4631, 14.1893, -2.5515



17.7673, 1.0935, -0.4950



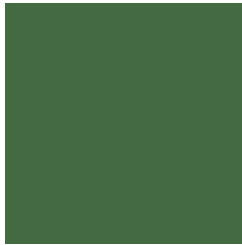
21.6995, 43.1123, -32.1111



48.8681, 97.1533, -72.8021

Previews

White Background



This preview shows how the HunterLab color 34.4717, -16.7104, 12.3472 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 34.4717, -16.7104, 12.3472 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

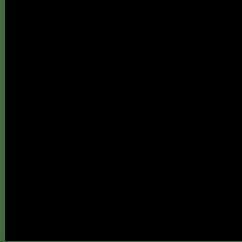
Any Text WCAG AA × Fail

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 34.4717, -16.7104, 12.3472 Background



This preview shows how black text looks on a background with the HunterLab color 34.4717, -16.7104, 12.3472.



This preview shows how white text looks on a background with the HunterLab color 34.4717,

-16.7104, 12.3472.

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

34.4717, -16.7104, 12.3472

Protanopia

34.2139, -3.2634, 13.3747

Deuteranopia

34.2294, 2.3676, 11.6606



Tritanopia

34.5070, -7.0259, -3.7189

Trichromacy



Original Color

34.4717, -16.7104, 12.3472

Protanomaly

34.1852, -8.9607, 13.0036

Deuteranomaly

33.9872, -5.2519, 11.5873

Tritanomaly

34.4507, -11.0740, 3.2119

Monochromacy



Original Color

34.4717, -16.7104, 12.3472

Achromatopsia

31.9753, -1.7061, 1.7373

Achromatomaly

32.7928, -7.5937, 5.9991

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.4717, -16.7104, 12.3472 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(67, 106, 65)` looks like.

```
.text, #text, p{  
    color:rgb(67, 106, 65)  
}
```

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(67, 106, 65) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(67, 106, 65) }
```

Border

The CSS property to change the border of an element to HunterLab 34.4717, -16.7104, 12.3472 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(67, 106, 65) }
```


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

```
.border{ border-color:rgb(67, 106, 65) }
```

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

Here you see how a box with a 4 pixel `rgb(67, 106, 65)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(67, 106, 65); -webkit-box-  
shadow:4px 4px 4px 4px rgb(67, 106, 65);  
box-shadow:4px 4px 4px 4px rgb(67, 106,  
65) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.4717, -16.7104, 12.3472 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(67, 106, 65) }
```

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

```
.background{ background-color: rgb(67, 106,  
65) }
```

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