

Converting Colors

HunterLab(35.0861, -16.6839,
13.6502)

Have a look what the booklet for
HunterLab(35.0861, -16.6839,
13.6502) contains.

HunterLab(34.9325, -16.5446, 13.5004)	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(34.9325,
-16.5446, 13.5004)**

Conversions

Conversions Part 1

Format	Color
Hex	476B3E
RGB	71, 107, 62
RGB Percent	28%, 42%, 24%
CMY	0.7216, 0.5804, 0.7569
CMYK	0.34, 0.00, 0.42, 0.58
HSL	108°, 27%, 33%
HSV	108°, 42%, 42%
XYZ	8.7257, 12.2028, 6.4529
YIQ	91.1060, -7.0110, -21.6270

Conversions

Conversions Part 2

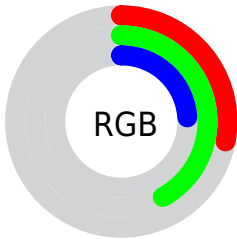
Format	Color
RYB	62, 107, 98
Decimal	4680510
CIELab	41.54, -22.45, 21.23
CIELCh	42, 30.892, 136.601
Yxy	12.2033, 0.3187, 0.4457
Android (android.graphics.Color)	4282870590 (0xFF476B3E)
YUV	91.1060, -14.3493, -17.6330
Hunter-Lab	34.9325, -16.5446, 13.5004

Details

The HunterLab color $34.9325, -16.5446, 13.5004$ is a dark color, and the websafe version is hex 336633 . A complement of this color would be $26.6530, 16.4046, -14.2336$, and the grayscale version is $32.4375, -1.7308, 1.7624$.

A 20% lighter version of the original color is $54.7604, -20.5399, 17.4114$, and $18.3461, -12.1616, 9.2424$ is the 20% darker color. If you saturate the color by 10%, you get $34.3453, -19.1686, 15.3609$, and if you desaturate by 10%, it is $35.6081, -13.5790, 11.2946$.

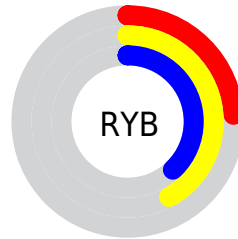
Distribution



Red (28%)

Green (42%)

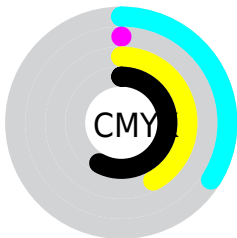
Blue (24%)



Red (24%)

Yellow (42%)

Blue (38%)

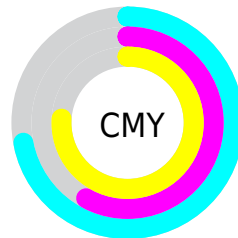


Cyan (34%)

Magenta (0%)

Yellow (42%)

Black (58%)



Cyan (72%)

Magenta (58%)

Yellow (76%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 34.9325, -16.5446, 13.5004 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 34.9325, -16.5446, 13.5004 by changing the saturation by 10% instead.

■ 34.9325, -16.5446,
13.5004

■ 34.9325, -16.5446,
13.5004

143.4387,
-32.5306, 29.1071

■ 26.2341, -14.4843,
11.4723

■ 54.6488, -20.3729,
17.2519

■ 18.4082, -12.2611,
9.2787

■ 65.5547, -22.1926,
19.0298

■ 11.5664, -9.9621,
8.0965

■ 77.1028, -23.9711,
20.7652

■ 4.1256, -7.2198,
2.8879

■ 89.2591, -25.7188,
22.4692

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 101.9947,
-27.4433, 24.1498

0.0000, NaN, NaN

■ 115.2842,

0.0000, NaN, NaN

-29.1506, 25.8133

0.0000, NaN, NaN

129.1054,
-30.8451, 27.4645

■ 34.9325, -16.5446,
13.5004

■ 34.9325, -16.5446,
13.5004

■ 34.3453, -19.1686,
15.3609

■ 35.6081, -13.5790,
11.2946

■ 33.8440, -21.4314,
16.8679

■ 36.3693, -10.2925,
8.7564

■ 33.4279, -23.3237,
18.0230

■ 37.2153, -6.7122,
5.9051

■ 33.0945, -24.8441,
18.8378

■ 38.1441, -2.8669,
2.7632

■ 32.8393, -26.0032,
19.3395

■ 39.1529, 1.2143,
-0.6449

■ 32.6798, -26.7347,
19.6691

■ 40.2388, 5.5022,
-4.2939

■ 41.3986, 9.9695,
-8.1587

■ 42.6289, 14.5905,
-12.2154

■ 43.9261, 19.3420,
-16.4413

Harmonies

Analogous

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



34.9332, -7.9709, 16.6657



34.9325, -16.5446, 13.5004



34.9332, -20.9052, 6.4399

Triad

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



34.9332, -16.5453, 13.5007



34.9332, -6.8514, -25.4285



34.9332, 21.9927, 7.4011

Complementary

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



34.9325, -16.5446, 13.5004



26.6530, 16.4046, -14.2336

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.



34.9332, 22.3947, -3.3415



34.9325, -16.5446, 13.5004



34.9332, 4.6896, -24.9131

Square

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



34.9332, -16.5453, 13.5007



34.9332, -15.8176, -17.1311



34.9332, 15.7264, -15.8920



34.9332, 14.6906, 14.0070

Rectangle

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



34.9325, -16.5446, 13.5004



34.9332, -21.2564, -0.6080



34.9332, 15.7264, -15.8920



34.9332, 22.9693, 4.2377

Sweetspot

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



34.9332, -16.5453, 13.5007



49.6437, -9.6308, 8.4248



34.9421, -3.4176, 13.7380



24.3230, -5.1618, 4.4848



75.5302, -4.0301, 4.1037



25.2436, -1.3469, 1.3715

Same Dimension

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



34.9332, -16.5453, 13.5007



46.0052, -25.4381, 20.4086



34.7203, -16.8973, 9.5772



18.6313, -2.7578, 2.4663



36.0281, -29.5558, 21.6829



81.1392, -67.5122, 48.8157

Inverse Universe

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



26.6530, 16.4046, -14.2336



32.7867, 27.4872, -24.3578



27.1488, 16.8214, -5.8482



17.7056, 0.8856, -0.5767



19.1384, 39.5228, -39.9394



42.7732, 88.6342, -91.6140

Previews

White Background



This preview shows how the HunterLab color 34.9325, -16.5446, 13.5004 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 34.9325, -16.5446, 13.5004 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

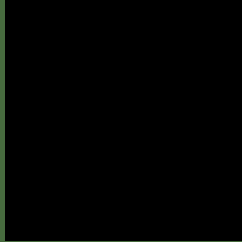
Any Text WCAG AA × Fail

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 34.9325, -16.5446, 13.5004 Background



This preview shows how black text looks on a background with the HunterLab color 34.9325, -16.5446, 13.5004.



This preview shows how white text looks on a background with the HunterLab color 34.9325,

-16.5446, 13.5004.

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

34.9325, -16.5446, 13.5004

Protanopia

34.8807, -3.7525, 14.6234

Deuteranopia

34.6298, 2.3066, 12.8168



Tritanopia

34.7785, -5.9827, -3.8232

Trichromacy



Original Color

34.9325, -16.5446, 13.5004

Protanomaly

34.6451, -8.8014, 14.1130

Deuteranomaly

34.3727, -5.3726, 12.7196

Tritanomaly

34.6804, -10.2166, 3.4864

Monochromacy



Original Color

34.9325, -16.5446, 13.5004

Achromatopsia

32.3445, -1.7258, 1.7573

Achromatomaly

33.1864, -7.6304, 6.7567

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 34.9325, -16.5446, 13.5004 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(71, 107, 62)` looks like.

```
.text, #text, p{  
    color:rgb(71, 107, 62)  
}
```

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(71, 107, 62) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 107, 62) }
```

Border

The CSS property to change the border of an element to HunterLab 34.9325, -16.5446, 13.5004 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(71, 107, 62) }
```


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

```
.border{ border-color:rgb(71, 107, 62) }
```

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

Here you see how a box with a 4 pixel rgb(71, 107, 62) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 107, 62); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 107, 62);  
box-shadow:4px 4px 4px 4px rgb(71, 107,  
62) }
```

Background

The CSS property to change the background color of an element to HunterLab 34.9325, -16.5446, 13.5004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 107, 62) }
```

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

```
.background{ background-color: rgb(71, 107,  
62) }
```

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