

# Converting Colors

HunterLab(35.4434, -16.6830,  
18.6199)

Have a look what the booklet for  
HunterLab(35.4434, -16.6830,  
18.6199) contains.

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# Color

**HunterLab(35.4460,  
-16.6840, 18.6219)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	506C25
RGB	80, 108, 37
RGB Percent	31%, 42%, 15%
CMY	0.6863, 0.5765, 0.8549
CMYK	0.26, 0.00, 0.66, 0.58
HSL	84°, 49%, 28%
HSV	84°, 66%, 42%
XYZ	9.0048, 12.5642, 3.7008
YIQ	91.5340, 6.1030, -28.0170

# Conversions

## Conversions Part 2

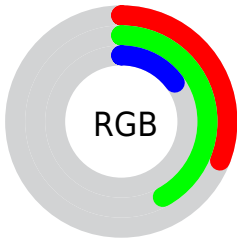
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	37, 108, 65
Decimal	5270565
CIE <sub>Lab</sub>	42.10, -22.49, 35.39
CIE <sub>LCh</sub>	42, 41.929, 122.440
Yxy	12.5647, 0.3563, 0.4972
Android (android.graphics.Color)	4283460645 (0xFF506C25)
<b>YUV</b>	91.5340, -26.8853, -10.1153
Hunter-Lab	35.4460, -16.6840, 18.6219

# Details

The HunterLab color  $35.4460, -16.6840, 18.6219$  is a dark color, and the websafe version is hex  $336633$ . A complement of this color would be  $18.7884, 19.8375, -32.8483$ , and the grayscale version is  $32.6373, -1.7414, 1.7732$ .

A 20% lighter version of the original color is  $55.3379, -20.8111, 24.5265$ , and  $18.8117, -11.9358, 11.3827$  is the 20% darker color. If you saturate the color by 10%, you get  $35.1099, -18.1698, 19.6461$ , and if you desaturate by 10%, it is  $35.8250, -15.0020, 17.2199$ .

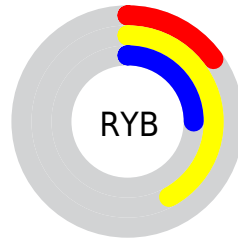
# Distribution



 Red (31%)

 Green (42%)

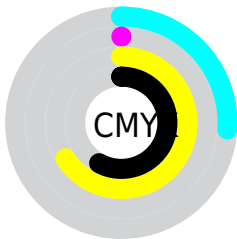
 Blue (15%)



 Red (15%)

 Yellow (42%)

 Blue (25%)

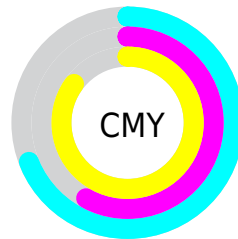


 Cyan (26%)


 Magenta (0%)

 Yellow (66%)

 Black (58%)



 Cyan (69%)

 Magenta (58%)

 Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 35.4460, -16.6840, 18.6219 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 35.4460, -16.6840, 18.6219 by changing the saturation by 10% instead.



35.4460, -16.6840,  
18.6219

35.4460, -16.6840,  
18.6219

144.2598,  
-32.6741, 41.4524

26.7012, -14.6277,  
15.4426

55.2445, -20.5097,  
24.3819

18.8235, -12.4117,  
12.5779

66.1876, -22.3295,  
27.0483

11.9226, -10.0231,  
8.3458

77.7708, -24.1085,  
29.6117

4.8216, -8.4378,  
3.3751

89.9604, -25.8570,  
32.0923

0.0000, NaN, NaN

0.0000, NaN, NaN

102.7277,  
-27.5826, 34.5058

0.0000, NaN, NaN

116.0477,

0.0000, NaN, NaN

-29.2912, 36.8642

0.0000, NaN, NaN

129.8983,  
-30.9871, 39.1772

35.4460, -16.6840,  
18.6219

35.4460, -16.6840,  
18.6219

35.1099, -18.1698,  
19.6461

35.8250, -15.0020,  
17.2199

34.8126, -19.4620,  
20.3151

36.2457, -13.1197,  
15.4244

34.5498, -20.5876,  
20.7022

36.7097, -11.0395,  
13.2273

34.4433, -21.0458,  
20.8554

37.2175, -8.7653,  
10.6264

37.7691, -6.3032,  
7.6243

■ 38.3644, -3.6609,  
4.2277

■ 39.0030, -0.8471,  
0.4470

■ 39.6844, 2.1283,  
-3.7049

■ 40.4077, 5.2551,  
-8.2127

# Harmonies

## Analogous

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



35.4468, -3.1703, 20.3059



35.4460, -16.6840, 18.6219



35.4468, -24.8939, 12.8156

# Triad

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



35.4468, -16.6849, 18.6221



35.4468, -14.8142, -34.1662



35.4468, 33.6152, 3.1313

# Complementary

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



35.4460, -16.6840, 18.6219



18.7884, 19.8375, -32.8483

# 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.



35.4468, 29.0568, -14.1059



35.4460, -16.6840, 18.6219



35.4468, -0.5979, -40.4577

# Square

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



35.4468, -16.6849, 18.6221



35.4468, -23.9534, -17.2041



35.4468, 15.8088, -31.8959



35.4468, 27.3710, 14.1414



# Rectangle

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



35.4460, -16.6840, 18.6219



35.4468, -27.1421, 5.5053



35.4468, 15.8088, -31.8959



35.4468, 33.2952, -2.0627

# Sweetspot

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



35.4468, -16.6849, 18.6221



49.6844, -9.9490, 12.0785



26.4829, 10.0326, 12.5754



24.3680, -5.2331, 6.3529



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.



35.4468, -16.6849, 18.6221



46.3002, -25.0308, 26.5654



33.7989, -23.2800, 17.3485



18.7800, -2.2286, 2.6382



37.5947, -23.0703, 22.7618



84.5595, -53.3036, 51.1720



# Inverse Universe

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



18.7884, 19.8375, -32.8483



20.5531, 33.1786, -58.6063



22.5818, 28.4065, -22.8396



17.5441, 0.3383, -0.7916



13.7055, 32.8935, -64.1846



30.1614, 73.4688, -149.6284



# Previews

## White Background



This preview shows how the HunterLab color 35.4460, -16.6840, 18.6219 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 35.4460, -16.6840, 18.6219 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 35.4460, -16.6840, 18.6219 Background



This preview shows how black text looks on a background with the HunterLab color 35.4460, -16.6840, 18.6219.



This preview shows how white text looks on a background with the HunterLab color 35.4460,

-16.6840, 18.6219.

# 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

35.4460, -16.6840, 18.6219

### Protanopia

35.2485, -4.3559, 18.9690

### Deuteranopia

35.1802, 2.2200, 18.1812



## Tritanopia

35.4053, -3.8101, -2.4784

# Trichromacy



## Original Color

35.4460, -16.6840, 18.6219

## Protanomaly

35.1275, -9.0052, 18.6706

## Deuteranomaly

34.9323, -5.3918, 18.0235

## Tritanomaly

35.3604, -9.6368, 7.8985

# Monochromacy



## Original Color

35.4460, -16.6840, 18.6219

## Achromatopsia

32.7144, -1.7456, 1.7774

## Achromatomaly

33.5827, -7.9459, 9.7303

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 35.4460, -16.6840, 18.6219 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(80, 108, 37)` looks like.

```
.text, #text, p{  
    color:rgb(80, 108, 37)  
}
```

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(80, 108, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(80, 108, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 35.4460, -16.6840, 18.6219 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(80, 108, 37) }
```



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

```
.border{ border-color:rgb(80, 108, 37) }
```

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

Here you see how a box with a 4 pixel rgb(80, 108, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(80, 108, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(80, 108, 37);  
box-shadow:4px 4px 4px 4px rgb(80, 108,  
37) }
```

# Background

The CSS property to change the background color of an element to HunterLab 35.4460, -16.6840, 18.6219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(80, 108, 37) }
```

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

```
.background{ background-color: rgb(80, 108,  
37) }
```

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](#).

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