

# Converting Colors

HunterLab(43.5608, -15.7175,  
26.5668)

Have a look what the booklet for  
HunterLab(43.5608, -15.7175,  
26.5668) contains.

<b>HunterLab(43.6843, -16.0160, 26.6377)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(43.6843,  
-16.0160, 26.6377)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	738000
RGB	115, 128, 0
RGB Percent	45%, 50%, 0%
CMY	0.5490, 0.4980, 1.0000
CMYK	0.10, 0.00, 1.00, 0.50
HSL	66°, 100%, 25%
HSV	66°, 100%, 50%
XYZ	14.7894, 19.0832, 2.9039
YIQ	109.5210, 33.3400, -42.5640

# Conversions

## Conversions Part 2

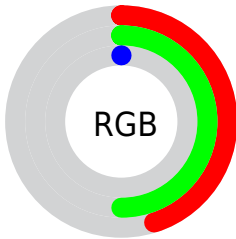
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 128, 13
Decimal	7569408
CIELab	50.79, -18.93, 55.39
CIELCh	51, 58.537, 108.873
Yxy	19.0841, 0.4021, 0.5189
Android (android.graphics.Color)	4285759488 (0xFF738000)
YUV	109.5210, -53.9939, 4.8051
Hunter-Lab	43.6843, -16.0160, 26.6377

# Details

The HunterLab color **43.6843, -16.0160, 26.6377** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **12.8235, 34.1111, -85.9285**, and the grayscale version is **39.4962, -2.1074, 2.1459**.

A 20% lighter version of the original color is **64.7975, -19.5009, 34.8703**, and **25.7851, -11.5779, 15.6860** is the 20% darker color. If you saturate the color by 10%, you get **43.6852, -16.0177, 26.6382**, and if you desaturate by 10%, it is **43.8194, -15.4446, 26.2244**.

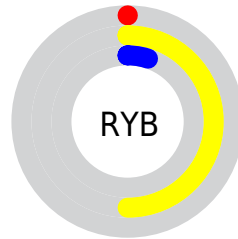
# Distribution



Red (45%)

Green (50%)

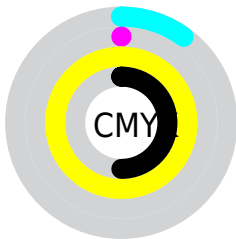
Blue (0%)



Red (0%)

Yellow (50%)

Blue (5%)

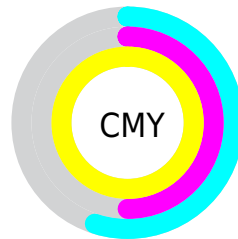


Cyan (10%)

Magenta (0%)

Yellow (100%)

Black (50%)



Cyan (55%)

Magenta (50%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 43.6843, -16.0160, 26.6377 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 43.6843, -16.0160, 26.6377 by changing the saturation by 10% instead.



■ 43.6843, -16.0160,  
26.6377

■ 43.6843, -16.0160,  
26.6377

157.1345,  
-30.1789, 59.0059

■ 34.2506, -14.2987,  
22.1647

■ 64.7117, -19.2983,  
34.8612

■ 25.6141, -12.4955,  
17.9298

■ 76.2128, -20.8895,  
38.6789

■ 17.8577, -10.5633,  
12.5004

■ 88.3244, -22.4603,  
42.3404

■ 11.0958, -8.5968,  
7.7671

■ 101.0173,  
-24.0168, 45.8696

■ 2.9487, -5.1603,  
2.0641

■ 114.2660,  
-25.5636, 49.2861


0.0000, NaN, NaN

0.0000, NaN, NaN


■ 128.0480,


-27.1044, 52.6058


0.0000, NaN, NaN


 142.3434,  
-28.6421, 55.8420


0.0000, NaN, NaN


 43.6843, -16.0160,  
26.6377


 43.6843, -16.0160,  
26.6377


 43.6852, -16.0177,  
26.6382

 43.8194, -15.4446,  
26.2244

 43.9724, -14.7671,  
25.5501

 44.1551, -13.9234,  
24.4555

 44.3707, -12.8978,  
22.8977

 44.6215, -11.6786,  
20.8442

■ 44.9096, -10.2573,  
18.2705

■ 45.2367, -8.6286,  
15.1594

■ 45.6038, -6.7893,  
11.4999

■ 46.0122, -4.7386,  
7.2872

# Harmonies

## Analogous

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



43.6853, 6.7395, 27.0292



43.6843, -16.0160, 26.6377



43.6853, -31.4401, 22.2625

# Triad

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



43.6853, -16.0174, 26.6380



43.6853, -28.2717, -44.0089



43.6853, 51.4706, -6.7638

# Complementary

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



43.6843, -16.0160, 26.6377



12.8235, 34.1111, -85.9285

# 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.



43.6853, 37.2066, -36.4251



43.6843, -16.0160, 26.6377



43.6853, -10.7212, -64.3746

# Square

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



43.6853, -16.0174, 26.6380



43.6853, -37.4121, -13.9475



43.6853, 13.2747, -61.0367



43.6853, 49.2097, 14.1279



# Rectangle

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



43.6843, -16.0160, 26.6377



43.6853, -37.0139, 15.2136



43.6853, 13.2747, -61.0367



43.6853, 48.3464, -16.1391

# Sweetspot

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



43.6853, -16.0174, 26.6380



59.9908, -11.6085, 20.4253



22.0736, 34.5073, 14.2051



28.9508, -6.0000, 10.6231



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207



# Same Dimension

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



43.6853, -16.0174, 26.6380



57.9334, -21.3700, 35.3242



40.1851, -29.9230, 24.2377



22.3561, -2.2059, 3.3407



43.4999, -15.9481, 26.5252

0.0000, NaN, NaN



# Inverse Universe

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



12.8235, 34.1111, -85.9285



16.9166, 45.1905, -114.8062



17.6875, 39.0994, -56.8771



20.5694, -0.0153, -1.1994



12.7695, 33.9698, -85.5596

0.0000, NaN, NaN



# Previews

## White Background



This preview shows how the HunterLab color 43.6843, -16.0160, 26.6377 looks on a white 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



# Black Background



This preview shows how the HunterLab color 43.6843, -16.0160, 26.6377 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

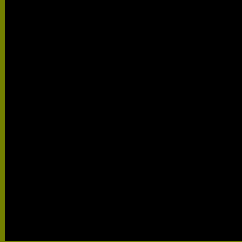
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

## HunterLab 43.6843, -16.0160, 26.6377 Background



This preview shows how black text looks on a background with the HunterLab color 43.6843, -16.0160, 26.6377.



This preview shows how white text looks on a background with the HunterLab color 43.6843,

-16.0160, 26.6377.

# 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

43.6843, -16.0160, 26.6377

### Protanopia

43.4845, -6.3524, 26.6837

### Deuteranopia

43.5787, 2.4427, 25.9305



## Tritanopia

43.6317, 0.5781, -0.8553

# Trichromacy



## Original Color

43.6843, -16.0160, 26.6377

## Protanomaly

43.5941, -10.3270, 26.6817

## Deuteranomaly

43.5327, -4.6859, 26.2240

## Tritanomaly

43.1023, -7.8019, 15.7147

# Monochromacy



## Original Color

43.6843, -16.0160, 26.6377

## Achromatopsia

39.4875, -2.1070, 2.1454

## Achromatomaly

40.7548, -9.3509, 16.5196

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 43.6843, -16.0160, 26.6377 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(115, 128, 0)` looks like.

```
.text, #text, p{  
    color:rgb(115, 128, 0)  
}
```

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(115, 128, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 128, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 43.6843, -16.0160, 26.6377 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(115, 128, 0) }
```



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

```
.border{ border-color:rgb(115, 128, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(115, 128, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(115, 128, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(115, 128, 0);  
box-shadow:4px 4px 4px 4px rgb(115, 128,  
0) }
```

# Background

The CSS property to change the background color of an element to HunterLab 43.6843, -16.0160, 26.6377 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 128, 0) }
```

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

```
.background{ background-color: rgb(115,  
128, 0) }
```

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