

Converting Colors

HunterLab(33.8052, -26.0743,
14.0341)

Have a look what the booklet for
HunterLab(33.8052, -26.0743,
14.0341) contains.

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Color

**HunterLab(33.8049,
-26.0747, 14.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	006E37
RGB	0, 110, 55
RGB Percent	0%, 43%, 22%
CMY	1.0000, 0.5686, 0.7843
CMYK	1.00, 0.00, 0.50, 0.57
HSL	150°, 100%, 22%
HSV	150°, 100%, 43%
XYZ	6.2655, 11.4277, 5.4900
YIQ	70.8400, -47.9050, -40.4250

Conversions

Conversions Part 2

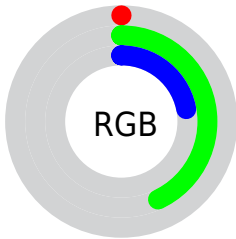
Format	Color
RYB	0, 73, 110
Decimal	28215
CIELab	40.29, -40.66, 23.17
CIELCh	40, 46.794, 150.323
Yxy	11.4282, 0.2703, 0.4929
Android (android.graphics.Color)	4278218295 (0xFF006E37)
YUV	70.8400, -7.8091, -62.1267
Hunter-Lab	33.8049, -26.0747, 14.0346

Details

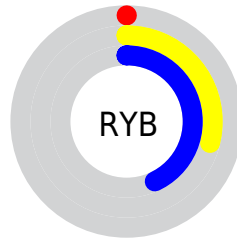
The HunterLab color **33.8049, -26.0747, 14.0346** is a dark color, and the websafe version is hex **006633**. A complement of this color would be **18.9501, 33.9075, 0.9607**, and the grayscale version is **25.0849, -1.3385, 1.3629**.

A 20% lighter version of the original color is **53.4697, -32.5037, 18.1500**, and **18.3287, -15.2900, 10.0975** is the 20% darker color. If you saturate the color by 10%, you get **33.8055, -26.0753, 14.0351**, and if you desaturate by 10%, it is **33.9927, -25.1284, 12.9280**.

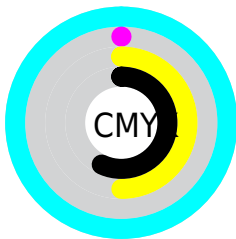
Distribution



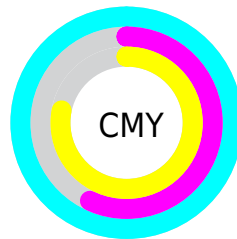
- Red (0%)
- Green (43%)
- Blue (22%)



- Red (0%)
- Yellow (29%)
- Blue (43%)



- Cyan (100%)
- Magenta (0%)
- Yellow (50%)
- Black (57%)



- Cyan (100%)
- Magenta (57%)
- Yellow (78%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 33.8049, -26.0747, 14.0346 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 33.8049, -26.0747, 14.0346 by changing the saturation by 10% instead.

■ 33.8049, -26.0747,
14.0346

■ 33.8049, -26.0747,
14.0346

141.6270,
-51.1091, 30.6601

■ 25.2103, -22.5258,
11.8289

■ 53.3378, -32.4337,
18.0811

■ 17.5000, -18.5886,
9.4504

■ 64.1612, -35.3628,
19.9856

■ 10.7910, -17.3869,
7.5537

■ 75.6313, -38.1736,
21.8374

■ 1.7994, -3.1489,
1.2596

■ 87.7136, -40.8899,
23.6494

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 100.3784,
-43.5295, 25.4312

0.0000, NaN, NaN

■ 113.6002,

0.0000, NaN, NaN

-46.1058, 27.1901

0.0000, NaN, NaN

127.3564,
-48.6295, 28.9315

33.8049, -26.0747,
14.0346

33.8049, -26.0747,
14.0346

33.8055, -26.0753,
14.0351

33.9927, -25.1284,
12.9280

34.2291, -23.9677,
11.7437

34.5501, -22.4535,
10.5211

34.9624, -20.5719,
9.2761

35.4704, -18.3214,
8.0245

■ 36.0768, -15.7110,
6.7812

■ 36.7825, -12.7583,
5.5602

■ 37.5874, -9.4872,
4.3738

■ 38.4902, -5.9262,
3.2326

Harmonies

Analogous

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



33.8056, -16.9807, 19.3210



33.8049, -26.0747, 14.0346



33.8056, -29.0001, 1.6615

Triad

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



33.8056, -26.0750, 14.0348



33.8056, -1.6181, -47.3896



33.8056, 31.8703, 14.2125

Complementary

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



33.8049, -26.0747, 14.0346



18.9501, 33.9075, 0.9607

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.



33.8056, 38.1874, 2.0178



33.8049, -26.0747, 14.0346



33.8056, 16.6319, -38.3200

Square

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



33.8056, -26.0750, 14.0348



33.8056, -16.7158, -38.6780



33.8056, 32.1254, -17.8158



33.8056, 16.2420, 19.3814

Rectangle

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



33.8049, -26.0747, 14.0346



33.8056, -27.6345, -11.0616



33.8056, 32.1254, -17.8158



33.8056, 35.2783, 11.0702

Sweetspot

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



33.8056, -26.0750, 14.0348



48.6639, -17.2372, 7.4966



34.6660, -23.3130, 20.9528



23.3290, -8.9227, 3.8588



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.



33.8056, -26.0750, 14.0348



44.7716, -34.7232, 18.9967



34.9838, -18.9130, -2.8987



19.4639, -2.8067, 1.5758



37.0437, -28.6286, 15.4995



82.5729, -64.5503, 36.1366

Inverse Universe

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



18.9501, 33.9075, 0.9607



25.0637, 44.7581, 1.9658



18.2187, 31.2213, 11.6013



18.5114, 0.8487, 0.5194



20.7553, 37.1121, 1.2564



46.1356, 82.1451, 5.4984

Previews

White Background



This preview shows how the HunterLab color 33.8049, -26.0747, 14.0346 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 33.8049, -26.0747, 14.0346 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 33.8049, -26.0747, 14.0346 Background



This preview shows how black text looks on a background with the HunterLab color 33.8049, -26.0747, 14.0346.



This preview shows how white text looks on a background with the HunterLab color 33.8049,

-26.0747, 14.0346.

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

33.8049, -26.0747, 14.0346

Protanopia

33.7905, -3.7002, 15.4619

Deuteranopia

33.7429, 1.7645, 13.3115



Tritanopia

34.0040, -13.1561, -6.0055

Trichromacy



Original Color

33.8049, -26.0747, 14.0346

Protanomaly

32.4893, -15.6959, 13.8162

Deuteranomaly

32.3378, -13.0998, 12.3577

Tritanomaly

33.6101, -19.0160, 2.9178

Monochromacy



Original Color

33.8049, -26.0747, 14.0346

Achromatopsia

25.1018, -1.3394, 1.3638

Achromatomaly

27.2700, -13.1299, 5.7007

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 33.8049, -26.0747, 14.0346 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(0, 110, 55)` looks like.

```
.text, #text, p{  
    color:rgb(0, 110, 55)  
}
```

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(0, 110, 55) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 110, 55) }
```

Border

The CSS property to change the border of an element to HunterLab 33.8049, -26.0747, 14.0346 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(0, 110, 55) }
```


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

```
.border{ border-color:rgb(0, 110, 55) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 110, 55)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 110, 55); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 110, 55);  
box-shadow:4px 4px 4px 4px rgb(0, 110, 55)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 33.8049, -26.0747, 14.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 110, 55) }
```

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

```
.background{ background-color: rgb(0, 110,  
55) }
```

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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