

Converting Colors

HunterLab(15.5496, -17.1969,
6.9465)

Have a look what the booklet for
HunterLab(15.5496, -17.1969,
6.9465) contains.

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Color

**HunterLab(16.3870,
-13.0276, 7.6405)**

Conversions

Conversions Part 1

Format	Color
Hex	003613
RGB	0, 54, 19
RGB Percent	0%, 21%, 7%
CMY	1.0000, 0.7882, 0.9255
CMYK	1.00, 0.00, 0.65, 0.79
HSL	141°, 100%, 11%
HSV	141°, 100%, 21%
XYZ	1.4367, 2.6853, 1.0587
YIQ	33.8640, -20.9490, -22.3330

Conversions

Conversions Part 2

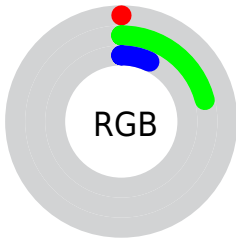
Format	Color
RYB	0, 40, 54
Decimal	13843
CIELab	18.74, -26.10, 17.20
CIELCh	19, 31.261, 146.610
Yxy	2.6854, 0.2773, 0.5183
Android (android.graphics.Color)	4278203923 (0xFF003613)
YUV	33.8640, -7.3280, -29.6987
Hunter-Lab	16.3870, -13.0276, 7.6405

Details

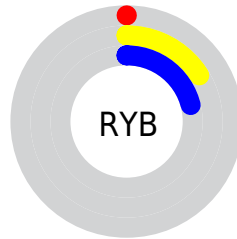
The HunterLab color **16.3870, -13.0276, 7.6405** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.5166, 17.5724, -3.7353**, and the grayscale version is **12.6321, -0.6740, 0.6863**.

A 20% lighter version of the original color is **32.5278, -18.3072, 11.4160**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **16.3873, -13.0278, 7.6406**, and if you desaturate by 10%, it is **16.5322, -12.3416, 7.1571**.

Distribution



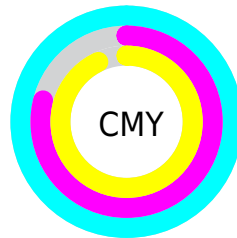
- Red (0%)
- Green (21%)
- Blue (7%)



- Red (0%)
- Yellow (16%)
- Blue (21%)



- Cyan (100%)
- Magenta (0%)
- Yellow (65%)
- Black (79%)



- Cyan (100%)
- Magenta (79%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 16.3870, -13.0276, 7.6405 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 16.3870, -13.0276, 7.6405 by changing the saturation by 10% instead.

■ 16.3870, -13.0276,
7.6405

■ 16.3870, -13.0276,
7.6405

■ 111.5085,
-32.1923, 22.0002

■ 9.8479, -12.1189,
6.8935

■ 32.4145, -18.0383,
11.2489

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.6913, -20.2770,
12.8951

0.0000, NaN, NaN

■ 51.7154, -22.4079,
14.4813

0.0000, NaN, NaN

■ 62.4346, -24.4596,
16.0263

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 73.8066, -26.4517,
17.5429


0.0000, NaN, NaN


■ 85.7957, -28.3981,


0.0000, NaN, NaN


19.0400


 98.3717, -30.3090,
20.5241


 16.3870, -13.0276,
7.6405


 16.3870, -13.0276,
7.6405


 16.3873, -13.0278,
7.6406

 16.5322, -12.3416,
7.1571

 16.6817, -11.6332,
6.6020

 16.8569, -10.8167,
5.9942

 17.0713, -9.8422,
5.3496

 17.3260, -8.7125,
4.6739

■ 17.6215, -7.4337,
3.9734

■ 17.9578, -6.0145,
3.2543

■ 18.3347, -4.4654,
2.5226

■ 18.7514, -2.7980,
1.7840

Harmonies

Analogous

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



16.3873, -7.9687, 10.3693



16.3870, -13.0276, 7.6405



16.3873, -14.8876, 1.8416

Triad

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



16.3873, -13.0278, 7.6406



16.3873, -1.8923, -25.7574



16.3873, 17.7815, 6.7125

Complementary

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



16.3870, -13.0276, 7.6405



9.5166, 17.5724, -3.7353

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.



16.3873, 20.3832, -0.1180



16.3870, -13.0276, 7.6405



16.3873, 7.6770, -21.9058

Square

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



16.3873, -13.0278, 7.6406



16.3873, -9.3998, -19.8428



16.3873, 16.3465, -11.0941



16.3873, 9.8516, 9.9017

Rectangle

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



16.3870, -13.0276, 7.6405



16.3873, -14.4467, -4.5851



16.3873, 16.3465, -11.0941



16.3873, 19.3736, 4.9560

Sweetspot

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



16.3873, -13.0278, 7.6406



23.5281, -8.2128, 4.4285



17.3133, -9.5158, 10.5018



12.2674, -4.3875, 2.3616



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



16.3873, -13.0278, 7.6406



21.5133, -17.2742, 10.4003



16.8372, -10.2719, 1.1292



10.5750, -1.4163, 0.9357



27.7950, -22.4737, 13.7730



71.6644, -58.7716, 37.2969

Inverse Universe

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



9.5166, 17.5724, -3.7353



12.4669, 22.9497, -4.3459



8.9558, 15.5350, 4.2505



10.1626, 0.3367, 0.1963



16.0811, 29.5353, -5.0812



41.3084, 75.4797, -10.0344

Previews

White Background



This preview shows how the HunterLab color 16.3870, -13.0276, 7.6405 looks on a white background.

Color Contrast Check

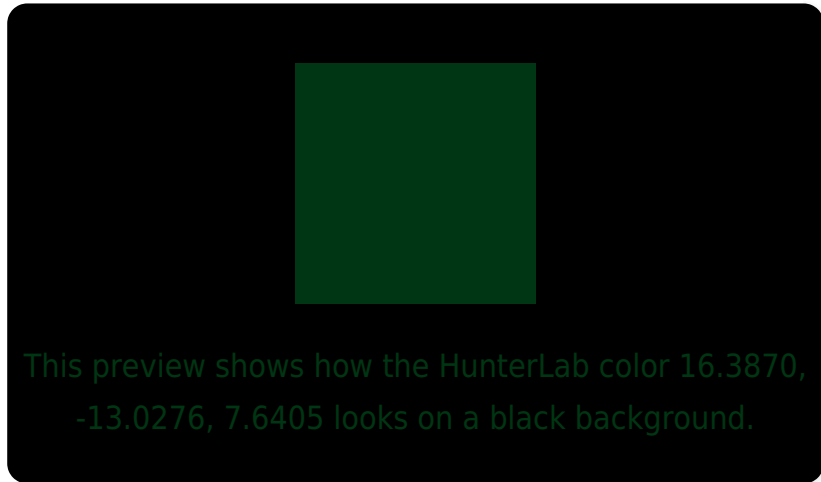
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 16.3870, -13.0276, 7.6405 Background



This preview shows how black text looks on a background with the HunterLab color 16.3870, -13.0276, 7.6405.



This preview shows how white text looks on a background with the HunterLab color 16.3870,

-13.0276, 7.6405.

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

16.3870, -13.0276, 7.6405

Protanopia

16.5061, -1.9115, 8.2327

Deuteranopia

16.5201, 0.6181, 7.4662



Tritanopia

16.7752, -5.9013, -2.5413

Trichromacy



Original Color

16.3870, -13.0276, 7.6405

Protanomaly

16.0113, -7.5661, 7.6146

Deuteranomaly

15.9471, -6.4180, 7.0765

Tritanomaly

16.4818, -9.0565, 2.1177

Monochromacy



Original Color

16.3870, -13.0276, 7.6405

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.5837, -6.0893, 3.1899

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 16.3870, -13.0276, 7.6405 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, 54, 19)` looks like.

```
.text, #text, p{  
    color:rgb(0, 54, 19)  
}
```

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, 54, 19) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 54, 19) }
```

Border

The CSS property to change the border of an element to HunterLab 16.3870, -13.0276, 7.6405 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, 54, 19) }
```


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

```
.border{ border-color:rgb(0, 54, 19) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 54, 19)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 54, 19); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 54, 19); box-shadow:4px  
4px 4px 4px rgb(0, 54, 19) }
```

Background

The CSS property to change the background color of an element to HunterLab 16.3870, -13.0276, 7.6405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 54, 19) }
```

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

```
.background{ background-color: rgb(0, 54,  
19) }
```

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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