

Converting Colors

HunterLab(15.4308, -9.3913,
0.9860)

Have a look what the booklet for
HunterLab(15.4308, -9.3913, 0.9860)
contains.

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Color

**HunterLab(15.3746, -9.3021,
0.8636)**

Conversions

Conversions Part 1

Format	Color
Hex	00312A
RGB	0, 49, 42
RGB Percent	0%, 19%, 16%
CMY	1.0000, 0.8078, 0.8353
CMYK	1.00, 0.00, 0.14, 0.81
HSL	171°, 100%, 10%
HSV	171°, 100%, 19%
XYZ	1.5162, 2.3638, 2.5668
YIQ	33.5510, -26.9570, -12.5650

Conversions

Conversions Part 2

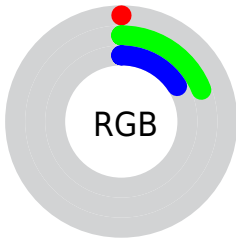
Format	Color
RYB	0, 26, 49
Decimal	12586
CIELab	17.29, -17.63, 0.05
CIELCh	17, 17.629, 179.831
Yxy	2.3639, 0.2352, 0.3667
Android (android.graphics.Color)	4278202666 (0xFF00312A)
YUV	33.5510, 4.1654, -29.4242
Hunter-Lab	15.3746, -9.3021, 0.8636

Details

The HunterLab color **15.3746, -9.3021, 0.8636** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.1754, 14.1872, 3.8278**, and the grayscale version is **12.4996, -0.6669, 0.6791**.

A 20% lighter version of the original color is **31.2373, -13.1311, 1.9040**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.3749, -9.3023, 0.8638**, and if you desaturate by 10%, it is **15.4937, -8.7928, 0.7571**.

Distribution



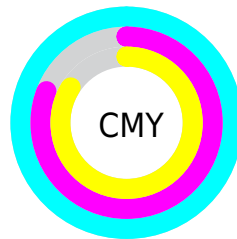
- Red (0%)
- Green (19%)
- Blue (16%)



- Red (0%)
- Yellow (10%)
- Blue (19%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (81%)



- Cyan (100%)
- Magenta (81%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3746, -9.3021, 0.8636 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 15.3746, -9.3021, 0.8636 by changing the saturation by 10% instead.

15.3746, -9.3021,
0.8636

15.3746, -9.3021,
0.8636

109.5752,
-23.7463, 6.0162

8.9845, -9.0299,
0.5130

31.1386, -12.9168,
1.7290

0.0000, NaN, NaN

0.0000, NaN, NaN

40.3024, -14.5699,
2.2308

0.0000, NaN, NaN

50.2219, -16.1655,
2.7736

0.0000, NaN, NaN

0.0000, NaN, NaN

60.8434, -17.7215,
3.3544

0.0000, NaN, NaN

72.1233, -19.2502,
3.9709

0.0000, NaN, NaN

84.0252, -20.7600,

0.0000, NaN, NaN

4.6211

■ 96.5181, -22.2572,
5.3034

■ 15.3746, -9.3021,
0.8636

■ 15.3746, -9.3021,
0.8636

■ 15.3749, -9.3023,
0.8638

■ 15.4937, -8.7928,
0.7571

■ 15.6119, -8.2900,
0.6481

■ 15.7428, -7.7412,
0.5535

■ 15.9035, -7.0821,
0.4950

■ 16.0948, -6.3128,
0.4743

■ 16.3176, -5.4351,
0.4924

■ 16.5722, -4.4526,
0.5497

■ 16.8585, -3.3708,
0.6460

■ 17.1765, -2.1958,
0.7806

Harmonies

Analogous

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



15.3749, -8.2812, 4.7599



15.3746, -9.3021, 0.8636



15.3749, -8.3038, -4.4428

Triad

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



15.3749, -9.3022, 0.8638



15.3749, 4.2594, -9.3980



15.3749, 4.3145, 6.8298

Complementary

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



15.3746, -9.3021, 0.8636



8.1754, 14.1872, 3.8278

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.



15.3749, 8.4390, 4.7265



15.3746, -9.3021, 0.8636



15.3749, 8.4044, -4.5049

Square

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



15.3749, -9.3022, 0.8638



15.3749, -0.8495, -11.4046



15.3749, 10.0219, 0.8100



15.3749, -0.7929, 7.4775

Rectangle

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



15.3746, -9.3021, 0.8636



15.3749, -6.5440, -7.9199



15.3749, 10.0219, 0.8100



15.3749, 5.8844, 6.3134

Sweetspot

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



15.3749, -9.3022, 0.8638



21.2725, -5.9459, 0.6920



14.9804, -12.0318, 9.0201



11.6583, -3.3284, 0.3754



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

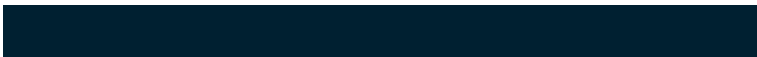
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.3749, -9.3022, 0.8638



19.7764, -12.0407, 1.2736



11.1660, -2.4845, -8.5927



9.8447, -1.1353, 0.4611



27.7763, -17.0220, 2.0277



72.8237, -45.1121, 6.3608

Inverse Universe

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



8.1754, 14.1872, 3.8278



10.4956, 18.1643, 5.3079



10.2888, 7.4884, 6.4708



9.4182, 0.1315, 0.5981



14.7128, 25.3892, 8.0097



38.4866, 66.1661, 22.8802

Previews

White Background



This preview shows how the HunterLab color 15.3746, -9.3021, 0.8636 looks on a white background.

Color Contrast Check

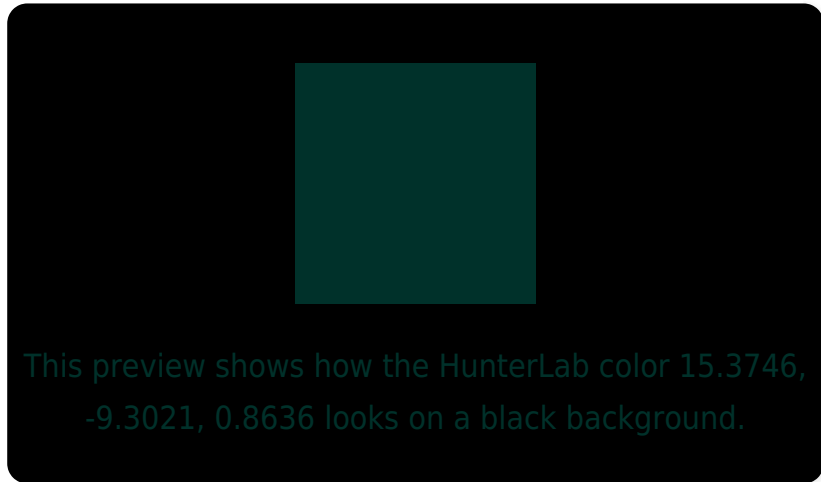
Large Text (above 18pt) WCAG AA ✓ Pass

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

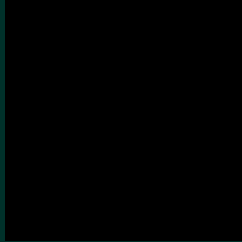
Any Text WCAG AA × Fail

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 15.3746, -9.3021, 0.8636 Background



This preview shows how black text looks on a background with the HunterLab color 15.3746, -9.3021, 0.8636.



This preview shows how white text looks on a background with the HunterLab color 15.3746, -9.3021,

0.8636.

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

15.3746, -9.3021, 0.8636

Protanopia

15.5953, -0.8260, 2.2979

Deuteranopia

15.6273, 0.6927, 0.6009



Tritanopia

15.6691, -6.2561, -2.7474

Trichromacy



Original Color

15.3746, -9.3021, 0.8636

Protanomaly

15.1367, -4.9314, 1.3775

Deuteranomaly

15.2552, -4.3495, 0.4413

Tritanomaly

15.4447, -7.3447, -1.3463

Monochromacy



Original Color

15.3746, -9.3021, 0.8636

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.2483, -4.4522, 0.2527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3746, -9.3021, 0.8636 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, 49, 42)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 42)  
}
```

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, 49, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3746, -9.3021, 0.8636 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, 49, 42) }
```


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

```
.border{ border-color:rgb(0, 49, 42) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 42); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 42); box-shadow:4px  
4px 4px 4px rgb(0, 49, 42) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.3746, -9.3021, 0.8636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 42) }
```

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

```
.background{ background-color: rgb(0, 49,  
42) }
```

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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