

Converting Colors

HunterLab(15.4779, -12.7925,
9.3136)

Have a look what the booklet for
HunterLab(15.4779, -12.7925,
9.3136) contains.

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Color

**HunterLab(15.4708,
-12.8374, 9.3083)**

Conversions

Conversions Part 1

Format	Color
Hex	043300
RGB	4, 51, 0
RGB Percent	2%, 20%, 0%
CMY	0.9843, 0.8000, 1.0000
CMYK	0.92, 0.00, 1.00, 0.80
HSL	115°, 100%, 10%
HSV	115°, 100%, 20%
XYZ	1.2339, 2.3935, 0.3969
YIQ	31.1330, -11.6410, -25.8250

Conversions

Conversions Part 2

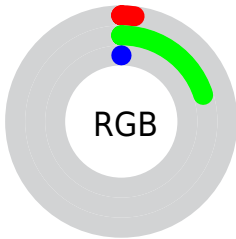
Format	Color
RYB	0, 51, 47
Decimal	275200
CIELab	17.43, -26.58, 24.37
CIElCh	17, 36.065, 137.481
Yxy	2.3936, 0.3066, 0.5947
Android (android.graphics.Color)	4278465280 (0xFF043300)
YUV	31.1330, -15.3486, -23.7956
Hunter-Lab	15.4708, -12.8374, 9.3083

Details

The HunterLab color **15.4708, -12.8374, 9.3083** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.1839, 18.3295, -14.2403**, and the grayscale version is **11.7964, -0.6294, 0.6409**.

A 20% lighter version of the original color is **31.1847, -17.9280, 13.7889**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.4711, -12.8378, 9.3085**, and if you desaturate by 10%, it is **15.6047, -12.2006, 8.8454**.

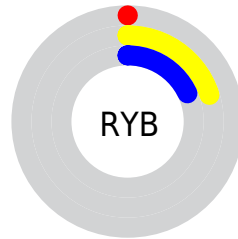
Distribution



Red (2%)

Green (20%)

Blue (0%)



Red (0%)

Yellow (20%)

Blue (18%)

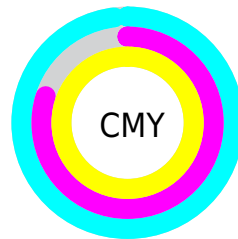


Cyan (92%)

Magenta (0%)

Yellow (100%)

Black (80%)



Cyan (98%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4708, -12.8374, 9.3083 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 15.4708, -12.8374, 9.3083 by changing the saturation by 10% instead.

■ 15.4708, -12.8374,
9.3083

■ 15.4708, -12.8374,
9.3083

■ 109.7603,
-32.4032, 27.6389

■ 9.0696, -13.2557,
6.3487

■ 31.2603, -17.9959,
13.8555

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4350, -20.2866,
16.0533

0.0000, NaN, NaN

■ 50.3646, -22.4614,
18.1368

0.0000, NaN, NaN

■ 60.9955, -24.5513,
20.1364

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.2843, -26.5775,
22.0733


0.0000, NaN, NaN


■ 84.1946, -28.5547,


0.0000, NaN, NaN


23.9624


 96.6955, -30.4938,
25.8148


 15.4708, -12.8374,
9.3083


 15.4708, -12.8374,
9.3083


 15.4711, -12.8378,
9.3085

 15.6047, -12.2006,
8.8454

 15.7440, -11.5466,
8.3960

 15.9144, -10.7610,
7.8920

 16.1230, -9.8089,
7.2599

 16.3708, -8.6935,
6.5008

■ 16.6580, -7.4213,
5.6180

■ 16.9847, -6.0013,
4.6174

■ 17.3503, -4.4446,
3.5064

■ 17.7542, -2.7633,
2.2936

Harmonies

Analogous

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



15.4711, -6.3127, 10.8298



15.4708, -12.8374, 9.3083



15.4711, -15.7481, 4.3797

Triad

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



15.4711, -12.8376, 9.3084



15.4711, -4.8707, -30.9161



15.4711, 22.8165, 5.4817

Complementary

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



15.4708, -12.8374, 9.3083



9.1839, 18.3295, -14.2403

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.



15.4711, 23.4973, -3.7977



15.4708, -12.8374, 9.3083



15.4711, 5.5503, -29.8353

Square

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



15.4711, -12.8376, 9.3084



15.4711, -12.0199, -20.3287



15.4711, 16.5444, -17.9416



15.4711, 14.8732, 9.9000

Rectangle

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



15.4708, -12.8374, 9.3083



15.4711, -15.9190, -1.8032



15.4711, 16.5444, -17.9416



15.4711, 23.9644, 3.0897

Sweetspot

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



15.4711, -12.8376, 9.3084



21.8168, -8.0333, 6.1626



16.4834, -3.1605, 10.1015



11.5035, -4.3096, 3.3020



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.



15.4711, -12.8376, 9.3084



19.9126, -16.6421, 11.9787



15.5654, -12.0840, 6.6306



9.8103, -1.3499, 1.1383



26.8916, -22.6280, 16.1744



70.4387, -59.9665, 42.3542

Inverse Universe

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



9.1839, 18.3295, -14.2403



11.7992, 23.5702, -18.4500



8.9237, 16.3176, -2.2662



9.4535, 0.3493, -0.1158



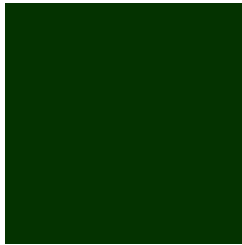
15.9079, 31.8032, -25.0716



41.5239, 83.1440, -66.4467

Previews

White Background



This preview shows how the HunterLab color 15.4708, -12.8374, 9.3083 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

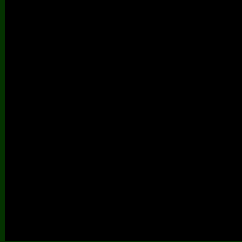
Any Text WCAG AA × Fail

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 15.4708, -12.8374, 9.3083 Background



This preview shows how black text looks on a background with the HunterLab color 15.4708, -12.8374, 9.3083.



This preview shows how white text looks on a background with the HunterLab color 15.4708,

-12.8374, 9.3083.

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

15.4708, -12.8374, 9.3083

Protanopia

15.6663, -2.7220, 9.6059

Deuteranopia

15.5636, 0.6207, 8.3950



Tritanopia

15.6289, -5.1372, -2.3410

Trichromacy



Original Color

15.4708, -12.8374, 9.3083

Protanomaly

15.3505, -7.7496, 9.3232

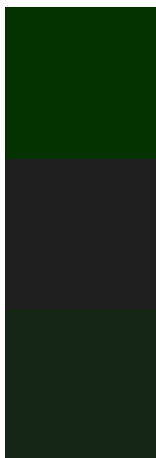
Deuteranomaly

15.0572, -6.1460, 8.3790

Tritanomaly

15.2307, -8.9023, 3.9098

Monochromacy



Original Color

15.4708, -12.8374, 9.3083

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.6339, -6.1633, 4.5712

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4708, -12.8374, 9.3083 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(4, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(4, 51, 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(4, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4708, -12.8374, 9.3083 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(4, 51, 0) }
```


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

```
.border{ border-color:rgb(4, 51, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 51, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 51, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 51, 0); box-shadow:4px  
4px 4px 4px rgb(4, 51, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.4708, -12.8374, 9.3083 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 51, 0) }
```

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

```
.background{ background-color: rgb(4, 51,  
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](#).

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