

Converting Colors

HunterLab(15.4505, -12.7974,
8.3140)

Have a look what the booklet for
HunterLab(15.4505, -12.7974,
8.3140) contains.

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Color

**HunterLab(15.4511,
-12.7936, 8.3052)**

Conversions

Conversions Part 1

Format	Color
Hex	003309
RGB	0, 51, 9
RGB Percent	0%, 20%, 4%
CMY	1.0000, 0.8000, 0.9647
CMYK	1.00, 0.00, 0.82, 0.80
HSL	131°, 100%, 10%
HSV	131°, 100%, 20%
XYZ	1.2331, 2.3874, 0.6543
YIQ	30.9630, -16.9140, -23.8740

Conversions

Conversions Part 2

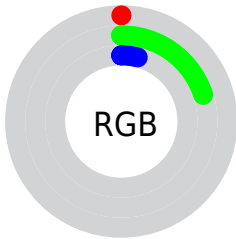
Format	Color
RYB	0, 43, 51
Decimal	13065
CIELab	17.40, -26.48, 20.64
CIELCh	17, 33.579, 142.063
Yxy	2.3875, 0.2885, 0.5585
Android (android.graphics.Color)	4278203145 (0xFF003309)
YUV	30.9630, -10.8278, -27.1546
Hunter-Lab	15.4511, -12.7936, 8.3052

Details

The HunterLab color **15.4511, -12.7936, 8.3052** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.3328, 17.7736, -7.8539**, and the grayscale version is **11.7308, -0.6259, 0.6374**.

A 20% lighter version of the original color is **31.1387, -17.9457, 12.4602**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.4514, -12.7938, 8.3053**, and if you desaturate by 10%, it is **15.5892, -12.1477, 7.9191**.

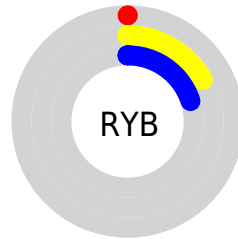
Distribution



Red (0%)

Green (20%)

Blue (4%)



Red (0%)

Yellow (17%)

Blue (20%)

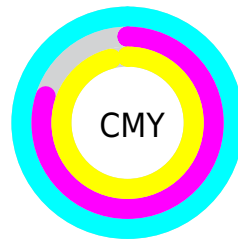


Cyan (100%)

Magenta (0%)

Yellow (82%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (96%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4511, -12.7936, 8.3052 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 15.4511, -12.7936, 8.3052 by changing the saturation by 10% instead.

■ 15.4511, -12.7936,
8.3052

■ 15.4511, -12.7936,
8.3052

■ 109.7224,
-32.3048, 24.6553

■ 9.0522, -13.2320,
6.3366

■ 31.2354, -17.9362,
12.4501

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.4078, -20.2200,
14.3634

0.0000, NaN, NaN

■ 50.3354, -22.3886,
16.1891

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9644, -24.4728,
17.9522

0.0000, NaN, NaN


■ 72.2514, -26.4936,
19.6698


0.0000, NaN, NaN


■ 84.1599, -28.4656,


0.0000, NaN, NaN


21.3539


 96.6592, -30.4000,
23.0136


 15.4511, -12.7936,
8.3052


 15.4511, -12.7936,
8.3052


 15.4514, -12.7938,
8.3053

 15.5892, -12.1477,
7.9191

 15.7331, -11.4688,
7.4328

 15.9004, -10.6857,
6.8549

 16.1071, -9.7378,
6.2000

 16.3541, -8.6285,
5.4729

■ 16.6419, -7.3644,
4.6797

■ 16.9705, -5.9547,
3.8272

■ 17.3395, -4.4107,
2.9229

■ 17.7480, -2.7450,
1.9742

Harmonies

Analogous

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



15.4514, -7.1292, 10.8160



15.4511, -12.7936, 8.3052



15.4514, -15.1186, 3.0616

Triad

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



15.4514, -12.7938, 8.3053



15.4514, -3.2773, -28.3414



15.4514, 20.1130, 6.0645

Complementary

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



15.4511, -12.7936, 8.3052



9.3328, 17.7736, -7.8539

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.



15.4514, 21.8609, -1.7674



15.4511, -12.7936, 8.3052



15.4514, 6.6859, -25.6422

Square

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



15.4514, -12.7938, 8.3053



15.4514, -10.5623, -20.2190



15.4514, 16.4654, -14.1911



15.4514, 12.1457, 9.8718

Rectangle

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



15.4511, -12.7936, 8.3052



15.4514, -14.9824, -3.2680



15.4514, 16.4654, -14.1911



15.4514, 21.5142, 4.0613

Sweetspot

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



15.4514, -12.7938, 8.3053



21.7981, -7.9706, 5.1091



16.9429, -6.9006, 10.3193



11.4936, -4.2759, 2.7380



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.



15.4514, -12.7938, 8.3053



19.8932, -16.5951, 10.9592



15.7583, -10.8961, 3.8252



9.8075, -1.3414, 0.9914



26.8758, -22.5589, 15.1057



70.4546, -59.6974, 40.8074

Inverse Universe

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



9.3328, 17.7736, -7.8539



12.0029, 22.8214, -9.8102



8.6273, 15.2435, 1.9384



9.4567, 0.3396, 0.0492



16.1985, 30.7510, -12.8701



42.3648, 80.1852, -31.8040

Previews

White Background



This preview shows how the HunterLab color 15.4511, -12.7936, 8.3052 looks on a white background.

Color Contrast Check

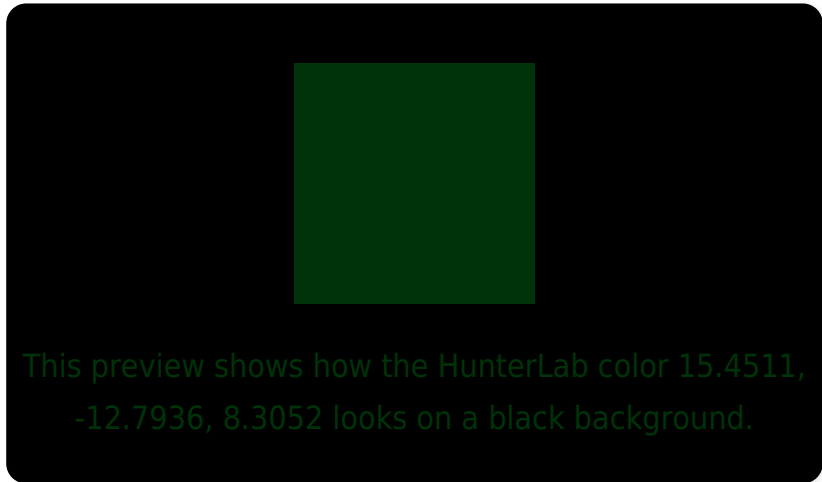
Large Text (above 18pt) WCAG AA ✓ Pass

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

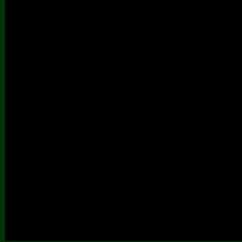
Any Text WCAG AA × Fail

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 15.4511, -12.7936, 8.3052 Background



This preview shows how black text looks on a background with the HunterLab color 15.4511, -12.7936, 8.3052.



This preview shows how white text looks on a background with the HunterLab color 15.4511,

-12.7936, 8.3052.

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

15.4511, -12.7936, 8.3052

Protanopia

15.7152, -2.4488, 8.8824

Deuteranopia

15.5878, 0.7511, 8.0380



Tritanopia

15.5932, -5.2713, -2.3925

Trichromacy



Original Color

15.4511, -12.7936, 8.3052

Protanomaly

15.3032, -7.8212, 8.4028

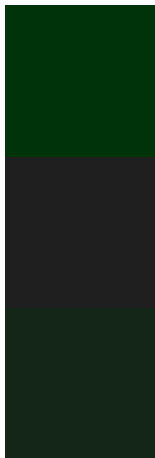
Deuteranomaly

15.0354, -6.1548, 7.7854

Tritanomaly

15.2540, -8.6576, 2.7605

Monochromacy



Original Color

15.4511, -12.7936, 8.3052

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.6365, -6.0634, 3.8770

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4511, -12.7936, 8.3052 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, 51, 9)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 9)  
}
```

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, 51, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4511, -12.7936, 8.3052 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, 51, 9) }
```


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

```
.border{ border-color:rgb(0, 51, 9) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 9); box-shadow:4px  
4px 4px 4px rgb(0, 51, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.4511, -12.7936, 8.3052 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 9) }
```

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

```
.background{ background-color: rgb(0, 51,  
9) }
```

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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