

Converting Colors

HunterLab(15.4142, -13.0251,
8.8511)

Have a look what the booklet for
HunterLab(15.4142, -13.0251,
8.8511) contains.

HunterLab(15.4156, -13.0159, 8.8294)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(15.4156,
-13.0159, 8.8294)**

Conversions

Conversions Part 1

Format	Color
Hex	003304
RGB	0, 51, 4
RGB Percent	0%, 20%, 2%
CMY	1.0000, 0.8000, 0.9843
CMYK	1.00, 0.00, 0.92, 0.80
HSL	125°, 100%, 10%
HSV	125°, 100%, 20%
XYZ	1.2057, 2.3764, 0.5100
YIQ	30.3930, -15.3090, -25.4290

Conversions

Conversions Part 2

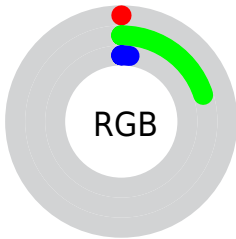
Format	Color
RYB	0, 47, 51
Decimal	13060
CIELab	17.35, -27.14, 22.62
CIELCh	17, 35.330, 140.191
Yxy	2.3765, 0.2946, 0.5807
Android (android.graphics.Color)	4278203140 (0xFF003304)
YUV	30.3930, -13.0117, -26.6547
Hunter-Lab	15.4156, -13.0159, 8.8294

Details

The HunterLab color **15.4156, -13.0159, 8.8294** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.5345, 18.4806, -10.5247**, and the grayscale version is **11.5593, -0.6168, 0.6280**.

A 20% lighter version of the original color is **31.0958, -18.2038, 13.0887**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.4159, -13.0161, 8.8295**, and if you desaturate by 10%, it is **15.5554, -12.3574, 8.4165**.

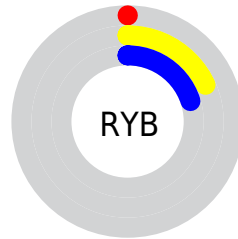
Distribution



Red (0%)

Green (20%)

Blue (2%)



Red (0%)

Yellow (18%)

Blue (20%)

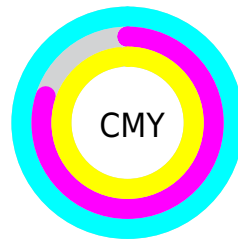


Cyan (100%)

Magenta (0%)

Yellow (92%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4156, -13.0159, 8.8294 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 15.4156, -13.0159, 8.8294 by changing the saturation by 10% instead.

■ 15.4156, -13.0159,
8.8294

■ 15.4156, -13.0159,
8.8294

■ 109.6542,
-32.9160, 26.2385

■ 9.0209, -13.5915,
6.3146

■ 31.1905, -18.2775,
13.1988

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.3589, -20.6100,
15.2629

0.0000, NaN, NaN

■ 50.2827, -22.8225,
17.2250

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9083, -24.9471,
19.1132

0.0000, NaN, NaN


■ 72.1920, -27.0052,
20.9466


0.0000, NaN, NaN


■ 84.0974, -29.0124,


0.0000, NaN, NaN


22.7390


 96.5938, -30.9798,
24.5005


 15.4156, -13.0159,
8.8294


 15.4156, -13.0159,
8.8294


 15.4159, -13.0161,
8.8295

 15.5554, -12.3574,
8.4165

 15.6961, -11.6969,
7.9770

 15.8614, -10.9240,
7.4271

 16.0679, -9.9749,
6.7736

 16.3166, -8.8525,
6.0200

■ 16.6080, -7.5637,
5.1717

■ 16.9422, -6.1183,
4.2360

■ 17.3188, -4.5285,
3.2210

■ 17.7367, -2.8080,
2.1355

Harmonies

Analogous

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



15.4159, -6.9305, 10.7911



15.4156, -13.0159, 8.8294



15.4159, -15.5949, 3.6487

Triad

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



15.4159, -13.0161, 8.8295



15.4159, -3.9731, -30.3892



15.4159, 21.7711, 5.9228

Complementary

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



15.4156, -13.0159, 8.8294



9.5345, 18.4806, -10.5247

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.



15.4159, 23.1517, -2.6247



15.4156, -13.0159, 8.8294



15.4159, 6.4129, -28.2145

Square

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



15.4159, -13.0161, 8.8295



15.4159, -11.3288, -20.9498



15.4159, 16.9627, -16.1312



15.4159, 13.5673, 10.0449

Rectangle

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



15.4156, -13.0159, 8.8294



15.4159, -15.5821, -2.7720



15.4159, 16.9627, -16.1312



15.4159, 23.1173, 3.7446

Sweetspot

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



15.4159, -13.0161, 8.8295



21.7604, -8.1894, 5.6550



17.2814, -5.6174, 10.5504



11.4733, -4.3933, 3.0305



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.



15.4159, -13.0161, 8.8295



19.8569, -16.8224, 11.4953



15.6715, -11.4287, 5.0833



9.8024, -1.3701, 1.0654



26.8361, -22.8079, 15.6928



70.3828, -60.1479, 41.8697

Inverse Universe

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



9.5345, 18.4806, -10.5247



12.2747, 23.7743, -13.4125



8.7301, 15.6185, 0.4632



9.4625, 0.3705, -0.0323



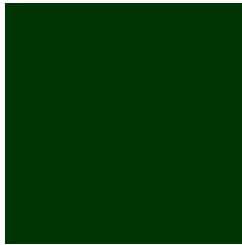
16.5808, 32.0919, -17.9432



43.4415, 83.9667, -46.1278

Previews

White Background



This preview shows how the HunterLab color 15.4156, -13.0159, 8.8294 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

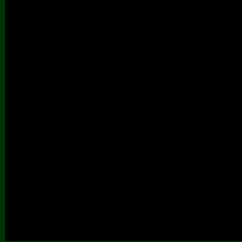
Any Text WCAG AA × Fail

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 15.4156, -13.0159, 8.8294 Background



This preview shows how black text looks on a background with the HunterLab color 15.4156, -13.0159, 8.8294.



This preview shows how white text looks on a background with the HunterLab color 15.4156,

-13.0159, 8.8294.

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

15.4156, -13.0159, 8.8294

Protanopia

15.6663, -2.7220, 9.6059

Deuteranopia

15.5713, 0.6619, 8.2821



Tritanopia

15.5932, -5.2713, -2.3925

Trichromacy



Original Color

15.4156, -13.0159, 8.8294

Protanomaly

15.2530, -8.1198, 9.1450

Deuteranomaly

15.0127, -6.2874, 8.1200

Tritanomaly

15.2150, -8.8916, 3.3224

Monochromacy



Original Color

15.4156, -13.0159, 8.8294

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

12.5651, -6.4045, 4.2827

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4156, -13.0159, 8.8294 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, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 4)  
}
```

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, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 15.4156, -13.0159, 8.8294 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, 4) }
```


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

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

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, 4)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 15.4156, -13.0159, 8.8294 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, 4) }
```

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

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

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor