

Converting Colors

HunterLab(15.5843, -11.9656,
6.3509)

Have a look what the booklet for
HunterLab(15.5843, -11.9656,
6.3509) contains.

HunterLab(15.5869, -11.9489, 6.3120)	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(15.5869,
-11.9489, 6.3120)**

Conversions

Conversions Part 1

Format	Color
Hex	003317
RGB	0, 51, 23
RGB Percent	0%, 20%, 9%
CMY	1.0000, 0.8000, 0.9098
CMYK	1.00, 0.00, 0.55, 0.80
HSL	147°, 100%, 10%
HSV	147°, 100%, 20%
XYZ	1.3385, 2.4295, 1.2090
YIQ	32.5590, -21.4080, -19.5200

Conversions

Conversions Part 2

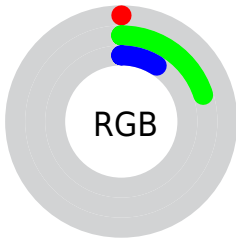
Format	Color
RYB	0, 35, 51
Decimal	13079
CIELab	17.60, -24.07, 13.31
CIELCh	18, 27.504, 151.066
Yxy	2.4296, 0.2689, 0.4881
Android (android.graphics.Color)	4278203159 (0xFF003317)
YUV	32.5590, -4.7126, -28.5542
Hunter-Lab	15.5869, -11.9489, 6.3120

Details

The HunterLab color **15.5869, -11.9489, 6.3120** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.8752, 16.1433, -1.5882**, and the grayscale version is **12.2131, -0.6517, 0.6636**.

A 20% lighter version of the original color is **31.3568, -16.6418, 9.2849**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5872, -11.9492, 6.3122**, and if you desaturate by 10%, it is **15.7301, -11.2783, 5.8557**.

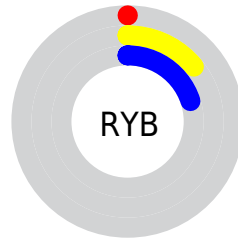
Distribution



Red (0%)

Green (20%)

Blue (9%)



Red (0%)

Yellow (14%)

Blue (20%)

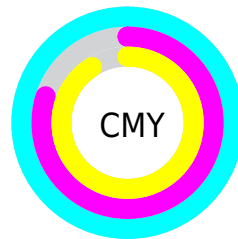


Cyan (100%)

Magenta (0%)

Yellow (55%)

Black (80%)



Cyan (100%)

Magenta (80%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.5869, -11.9489, 6.3120 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 15.5869, -11.9489, 6.3120 by changing the saturation by 10% instead.

■ 15.5869, -11.9489,
6.3120

■ 15.5869, -11.9489,
6.3120

■ 109.9832,
-30.0416, 18.4743

■ 9.1709, -11.9270,
6.4197

■ 31.4070, -16.6581,
9.2677

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.5948, -18.7649,
10.6397

0.0000, NaN, NaN

■ 50.5365, -20.7732,
11.9759

0.0000, NaN, NaN

■ 61.1788, -22.7103,
13.2901

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.4782, -24.5943,
14.5916


0.0000, NaN, NaN


■ 84.3986, -26.4383,


0.0000, NaN, NaN


15.8866


 96.9091, -28.2516,
17.1797


 15.5869, -11.9489,
6.3120


 15.5869, -11.9489,
6.3120


 15.5872, -11.9492,
6.3122

 15.7301, -11.2783,
5.8557

 15.8755, -10.5969,
5.3518

 16.0403, -9.8374,
4.8171

 16.2400, -8.9406,
4.2697

 16.4755, -7.9091,
3.7147

■ 16.7474, -6.7480,
3.1572

■ 17.0557, -5.4643,
2.6017

■ 17.4002, -4.0669,
2.0526

■ 17.7802, -2.5656,
1.5138

Harmonies

Analogous

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



15.5872, -7.8707, 9.1079



15.5869, -11.9489, 6.3120



15.5872, -13.2181, 0.5795

Triad

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



15.5872, -11.9491, 6.3121



15.5872, -0.5513, -21.3628



15.5872, 14.2878, 6.5807

Complementary

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



15.5869, -11.9489, 6.3120



8.8752, 16.1433, -1.5882

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.



15.5872, 17.2746, 1.1127



15.5869, -11.9489, 6.3120



15.5872, 7.7297, -17.1000

Square

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



15.5872, -11.9491, 6.3121



15.5872, -7.4731, -17.6308



15.5872, 14.6679, -7.8012



15.5872, 7.1477, 9.2439

Rectangle

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



15.5869, -11.9489, 6.3120



15.5872, -12.5485, -5.2329



15.5872, 14.6679, -7.8012



15.5872, 15.8676, 5.1713

Sweetspot

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



15.5872, -11.9491, 6.3121



21.9123, -7.3115, 3.4647



16.1720, -9.9327, 9.7911



11.5548, -3.9218, 1.8551



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.



15.5872, -11.9491, 6.3121



20.0619, -15.5442, 8.4797



16.0776, -8.9648, -0.7429



9.8222, -1.2597, 0.7811



27.0949, -21.1929, 11.8831



70.9747, -56.4490, 33.1450

Inverse Universe

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



8.8752, 16.1433, -1.5882



11.3953, 20.6542, -1.4686



8.4228, 14.4902, 4.9282



9.4409, 0.2543, 0.2743



15.3558, 27.7413, -1.2717



40.0567, 71.9233, 0.1085

Previews

White Background



This preview shows how the HunterLab color 15.5869, -11.9489, 6.3120 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

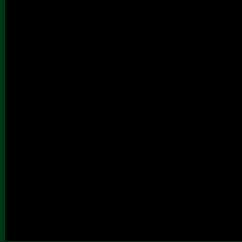
Any Text WCAG AA × Fail

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 15.5869, -11.9489, 6.3120 Background



This preview shows how black text looks on a background with the HunterLab color 15.5869, -11.9489, 6.3120.



This preview shows how white text looks on a background with the HunterLab color 15.5869,

-11.9489, 6.3120.

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

15.5869, -11.9489, 6.3120

Protanopia

15.8382, -1.7652, 7.0726

Deuteranopia

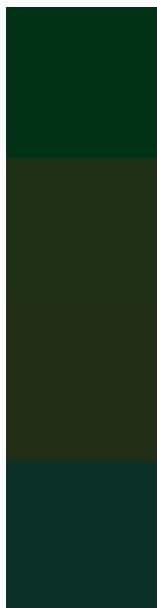
15.7575, 0.4227, 6.2566



Tritanopia

15.8447, -5.5884, -2.4912

Trichromacy



Original Color

15.5869, -11.9489, 6.3120

Protanomaly

15.4346, -7.0447, 6.4716

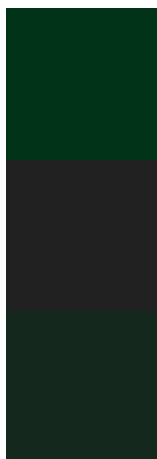
Deuteranomaly

15.1089, -5.6129, 5.8207

Tritanomaly

15.6278, -8.3365, 1.5250

Monochromacy



Original Color

15.5869, -11.9489, 6.3120

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

13.2880, -5.9277, 2.8978

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.5869, -11.9489, 6.3120 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, 23)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 23)  
}
```

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, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 23) }
```

Border

The CSS property to change the border of an element to HunterLab 15.5869, -11.9489, 6.3120 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, 23) }
```


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

```
.border{ border-color:rgb(0, 51, 23) }
```

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, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 23); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 23); box-shadow:4px  
4px 4px 4px rgb(0, 51, 23) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.5869, -11.9489, 6.3120 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, 23) }
```

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

```
.background{ background-color: rgb(0, 51,  
23) }
```

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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