

Converting Colors

HunterLab(18.0766, -20.9649,
12.6536)

Have a look what the booklet for
HunterLab(18.0766, -20.9649,
12.6536) contains.

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Color

**HunterLab(19.1489,
-16.4202, 11.5120)**

Conversions

Conversions Part 1

Format	Color
Hex	004000
RGB	0, 64, 0
RGB Percent	0%, 25%, 0%
CMY	1.0000, 0.7490, 1.0000
CMYK	1.00, 0.00, 1.00, 0.75
HSL	120°, 100%, 13%
HSV	120°, 100%, 25%
XYZ	1.8334, 3.6668, 0.6111
YIQ	37.5680, -17.6000, -33.4720

Conversions

Conversions Part 2

Format	Color
RYB	0, 64, 64
Decimal	16384
CIELab	22.54, -32.02, 30.12
CIELCh	23, 43.956, 136.752
Yxy	3.6670, 0.3000, 0.6000
Android (android.graphics.Color)	4278206464 (0xFF004000)
YUV	37.5680, -18.5210, -32.9471
Hunter-Lab	19.1489, -16.4202, 11.5120

Details

The HunterLab color **19.1489, -16.4202, 11.5120** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0839, 23.7571, -15.9368**, and the grayscale version is **13.8454, -0.7388, 0.7522**.

A 20% lighter version of the original color is **35.9488, -22.2760, 17.1496**, and **6.0875, -5.2201, 3.6597** is the 20% darker color. If you saturate the color by 10%, you get **19.1493, -16.4204, 11.5121**, and if you desaturate by 10%, it is **19.2932, -15.7342, 11.0480**.

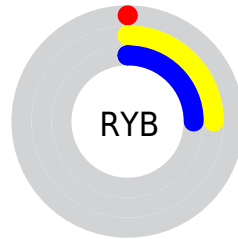
Distribution



Red (0%)

Green (25%)

Blue (0%)



Red (0%)

Yellow (25%)

Blue (25%)

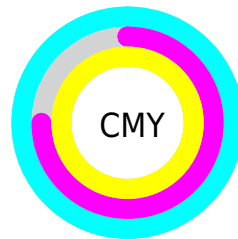


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (100%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.1489, -16.4202, 11.5120 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 19.1489, -16.4202, 11.5120 by changing the saturation by 10% instead.

■ 19.1489, -16.4202,
11.5120

■ 19.1489, -16.4202,
11.5120

■ 116.6439,
-38.5941, 33.0656

■ 12.2027, -13.4890,
8.5419

■ 35.8487, -22.2540,
17.1015

■ 5.3011, -9.2769,
3.7107

■ 45.4165, -24.8612,
19.6613

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.7103, -27.3371,
22.0878

0.0000, NaN, NaN

■ 66.6823, -29.7137,
24.4123

0.0000, NaN, NaN

■ 78.2927, -32.0133,
26.6575


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.5082, -34.2524,


28.8402


0.0000, NaN, NaN


 103.3003,
-36.4428, 30.9730


 19.1489, -16.4202,
11.5120


 19.1489, -16.4202,
11.5120


 19.1493, -16.4204,
11.5121

 19.2932, -15.7342,
11.0480

 19.4411, -15.0353,
10.5754

 19.6345, -14.1304,
9.9635

 19.8851, -12.9734,
9.1812

 20.1949, -11.5654,
8.2293

■ 20.5651, -9.9146,
7.1134

■ 20.9959, -8.0346,
5.8427

■ 21.4867, -5.9431,
4.4293

■ 22.0364, -3.6605,
2.8869

Harmonies

Analogous

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



19.1493, -7.9039, 13.4045



19.1489, -16.4202, 11.5120



19.1493, -20.2162, 5.8554

Triad

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



19.1493, -16.4204, 11.5121



19.1493, -6.5820, -41.5173



19.1493, 30.4596, 6.8512

Complementary

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



19.1489, -16.4202, 11.5120



12.0839, 23.7571, -15.9368

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.



19.1493, 31.1030, -5.4754



19.1489, -16.4202, 11.5120



19.1493, 6.9923, -40.4746

Square

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



19.1493, -16.4204, 11.5121



19.1493, -15.6834, -26.8224



19.1493, 21.6166, -24.5375



19.1493, 20.0453, 11.9235

Rectangle

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



19.1489, -16.4202, 11.5120



19.1493, -20.4939, -2.0724



19.1493, 21.6166, -24.5375



19.1493, 31.9089, 3.7084

Sweetspot

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



19.1493, -16.4204, 11.5121



27.5784, -10.9356, 7.9342



21.8105, -5.8581, 13.3370



14.4195, -5.9830, 4.3289



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



19.1493, -16.4204, 11.5121



25.2269, -21.6320, 15.1658



19.4197, -14.7352, 7.5362



12.0934, -1.8145, 1.4522



29.2077, -25.0456, 17.5590



73.1619, -62.7362, 43.9835

Inverse Universe

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



12.0839, 23.7571, -15.9368



15.9190, 31.2971, -20.9947



10.9285, 19.6697, -0.3354



11.6476, 0.5925, -0.1927



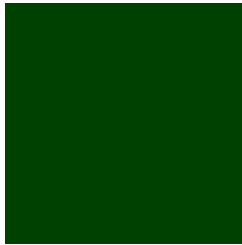
18.4311, 36.2359, -24.3077



46.1676, 90.7664, -60.8875

Previews

White Background



This preview shows how the HunterLab color 19.1489, -16.4202, 11.5120 looks on a white background.

Color Contrast Check

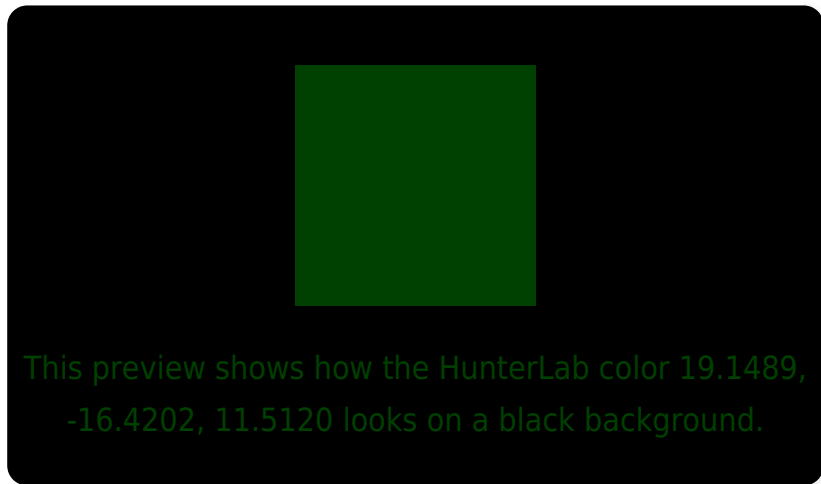
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.1489, -16.4202, 11.5120 Background



This preview shows how black text looks on a background with the HunterLab color 19.1489, -16.4202, 11.5120.



This preview shows how white text looks on a background with the HunterLab color 19.1489,

-16.4202, 11.5120.

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

19.1489, -16.4202, 11.5120

Protanopia

19.3817, -3.0397, 11.8897

Deuteranopia

19.3724, 0.7573, 10.6789



Tritanopia

19.3161, -6.6219, -3.1019

Trichromacy



Original Color

19.1489, -16.4202, 11.5120

Protanomaly

18.5942, -9.9828, 11.2829

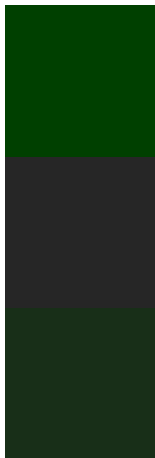
Deuteranomaly

18.3944, -7.9089, 10.3631

Tritanomaly

19.0178, -11.6920, 4.9738

Monochromacy



Original Color

19.1489, -16.4202, 11.5120

Achromatopsia

13.9221, -0.7428, 0.7564

Achromatomaly

15.1432, -8.1349, 5.8054

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.1489, -16.4202, 11.5120 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, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 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(0, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.1489, -16.4202, 11.5120 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, 64, 0) }
```


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

```
.border{ border-color:rgb(0, 64, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 64, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 0); box-shadow:4px  
4px 4px 4px rgb(0, 64, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.1489, -16.4202, 11.5120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 64, 0) }
```

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

```
.background{ background-color: rgb(0, 64,  
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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