

Converting Colors

HunterLab(19.1196, -18.4177,
11.0697)

Have a look what the booklet for
HunterLab(19.1196, -18.4177,
11.0697) contains.

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Color

**HunterLab(19.4663,
-16.5316, 11.3558)**

Conversions

Conversions Part 1

Format	Color
Hex	004104
RGB	0, 65, 4
RGB Percent	0%, 25%, 2%
CMY	1.0000, 0.7451, 0.9843
CMYK	1.00, 0.00, 0.94, 0.75
HSL	124°, 100%, 13%
HSV	124°, 100%, 25%
XYZ	1.9122, 3.7894, 0.7455
YIQ	38.6110, -19.1590, -32.7510

Conversions

Conversions Part 2

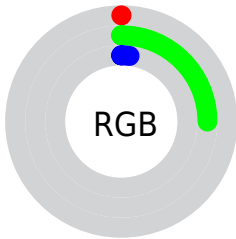
Format	Color
RYB	0, 61, 65
Decimal	16644
CIELab	22.96, -31.95, 28.93
CIELCh	23, 43.102, 137.846
Yxy	3.7895, 0.2966, 0.5878
Android (android.graphics.Color)	4278206724 (0xFF004104)
YUV	38.6110, -17.0632, -33.8618
Hunter-Lab	19.4663, -16.5316, 11.3558

Details

The HunterLab color **19.4663, -16.5316, 11.3558** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **12.0863, 23.4856, -13.7985**, and the grayscale version is **14.1765, -0.7564, 0.7702**.

A 20% lighter version of the original color is **36.2949, -22.4023, 16.8563**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.4667, -16.5319, 11.3559**, and if you desaturate by 10%, it is **19.6083, -15.8612, 10.9277**.

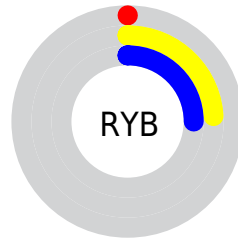
Distribution



Red (0%)

Green (25%)

Blue (2%)



Red (0%)

Yellow (24%)

Blue (25%)

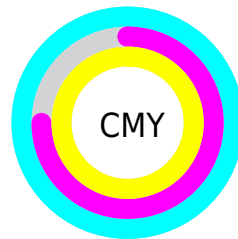


Cyan (100%)

Magenta (0%)

Yellow (94%)

Black (75%)



Cyan (100%)

Magenta (75%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4663, -16.5316, 11.3558 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 19.4663, -16.5316, 11.3558 by changing the saturation by 10% instead.

■ 19.4663, -16.5316,
11.3558

■ 19.4663, -16.5316,
11.3558

■ 117.2225,
-38.6237, 32.2402

■ 12.4761, -13.4781,
8.7333

■ 36.2396, -22.3324,
16.7999

■ 5.7274, -10.0229,
4.0092

■ 45.8393, -24.9288,
19.2649

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1628, -27.3957,
21.6054

0.0000, NaN, NaN

■ 67.1626, -29.7648,
23.8512

0.0000, NaN, NaN

■ 78.7993, -32.0581,
26.0237


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.0399, -34.2914,


28.1385


0.0000, NaN, NaN


 103.8559,
-36.4769, 30.2076


 19.4663, -16.5316,
11.3558


 19.4663, -16.5316,
11.3558


 19.4667, -16.5319,
11.3559

 19.6083, -15.8612,
10.9277

 19.7594, -15.1439,
10.4158

 19.9584, -14.2089,
9.7490

 20.2142, -13.0266,
8.9311

 20.5288, -11.5988,
7.9655

■ 20.9032, -9.9341,
6.8591

■ 21.3376, -8.0460,
5.6219

■ 21.8313, -5.9520,
4.2657

■ 22.3833, -3.6719,
2.8036

Harmonies

Analogous

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



19.4667, -8.2357, 13.6267



19.4663, -16.5316, 11.3558



19.4667, -20.1832, 5.4956

Triad

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



19.4667, -16.5319, 11.3559



19.4667, -6.1095, -40.5213



19.4667, 29.5603, 7.1106

Complementary

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



19.4663, -16.5316, 11.3558



12.0863, 23.4856, -13.7985

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.



19.4667, 30.5775, -4.7523



19.4663, -16.5316, 11.3558



19.4667, 7.3820, -38.8919

Square

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



19.4667, -16.5319, 11.3559



19.4667, -15.3350, -26.7554



19.4667, 21.6258, -23.1688



19.4667, 19.1345, 12.0003

Rectangle

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



19.4663, -16.5316, 11.3558



19.4667, -20.3686, -2.5401



19.4667, 21.6258, -23.1688



19.4667, 31.0983, 4.0809

Sweetspot

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



19.4667, -16.5319, 11.3559



27.6079, -10.7635, 7.5054



21.9018, -6.8573, 13.3757



14.4355, -5.8893, 4.0960



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.



19.4667, -16.5319, 11.3559



25.2494, -21.4908, 14.8330



19.7652, -14.6754, 6.9752



12.0977, -1.7905, 1.3906



29.2301, -24.9051, 17.2280



73.1832, -62.6024, 43.6679

Inverse Universe

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



12.0863, 23.4856, -13.7985



15.6710, 30.4364, -17.7750



11.0174, 19.6840, 0.7902



11.6427, 0.5661, -0.1229



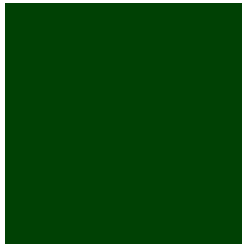
18.1386, 35.2208, -20.5102



45.3802, 88.0328, -50.6579

Previews

White Background



This preview shows how the HunterLab color 19.4663, -16.5316, 11.3558 looks on a white background.

Color Contrast Check

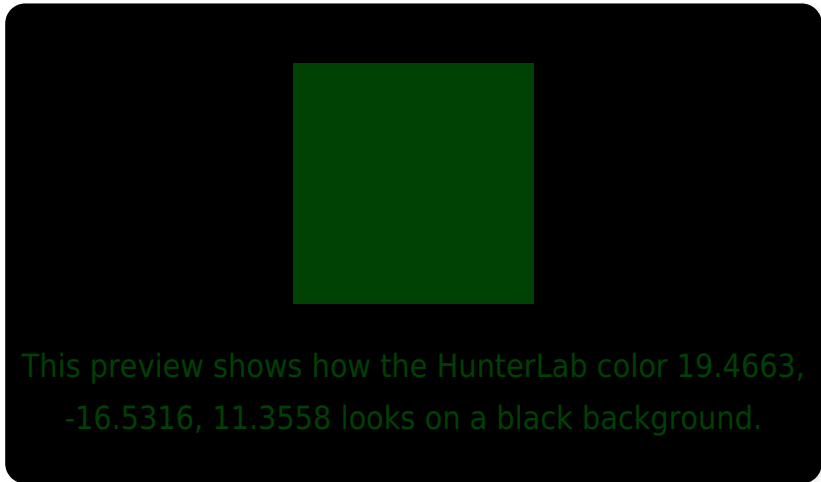
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4663, -16.5316, 11.3558 Background



This preview shows how black text looks on a background with the HunterLab color 19.4663, -16.5316, 11.3558.



This preview shows how white text looks on a background with the HunterLab color 19.4663,

-16.5316, 11.3558.

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

19.4663, -16.5316, 11.3558

Protanopia

19.7107, -3.1230, 12.0910

Deuteranopia

19.7048, 0.7108, 10.7946



Tritanopia

19.6122, -6.8168, -3.1531

Trichromacy



Original Color

19.4663, -16.5316, 11.3558

Protanomaly

18.9242, -10.0597, 11.3949

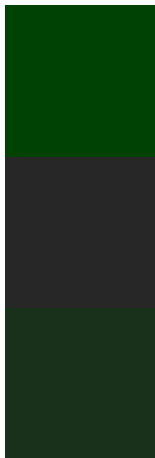
Deuteranomaly

18.7305, -7.9460, 10.4003

Tritanomaly

19.3361, -11.7765, 4.7006

Monochromacy



Original Color

19.4663, -16.5316, 11.3558

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

15.4763, -8.1185, 5.6503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4663, -16.5316, 11.3558 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, 65, 4)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 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, 65, 4) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 4) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4663, -16.5316, 11.3558 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, 65, 4) }
```


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

```
.border{ border-color:rgb(0, 65, 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, 65, 4) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 4); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 65, 4); box-shadow:4px  
4px 4px 4px rgb(0, 65, 4) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4663, -16.5316, 11.3558 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 65, 4) }
```

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

```
.background{ background-color: rgb(0, 65,  
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](#).

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