

Converting Colors

HunterLab(18.6479, -19.3466,
9.4666)

Have a look what the booklet for
HunterLab(18.6479, -19.3466,
9.4666) contains.

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Color

**HunterLab(19.5475,
-16.0229, 10.1561)**

Conversions

Conversions Part 1

Format	Color
Hex	004111
RGB	0, 65, 17
RGB Percent	0%, 25%, 7%
CMY	1.0000, 0.7451, 0.9333
CMYK	1.00, 0.00, 0.74, 0.75
HSL	136°, 100%, 13%
HSV	136°, 100%, 25%
XYZ	1.9915, 3.8210, 1.1629
YIQ	40.0930, -23.3320, -28.7080

Conversions

Conversions Part 2

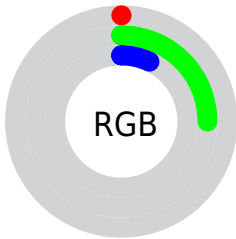
Format	Color
RYB	0, 52, 65
Decimal	16657
CIELab	23.07, -30.57, 23.32
CIELCh	23, 38.446, 142.660
Yxy	3.8212, 0.2855, 0.5478
Android (android.graphics.Color)	4278206737 (0xFF004111)
YUV	40.0930, -11.3848, -35.1616
Hunter-Lab	19.5475, -16.0229, 10.1561

Details

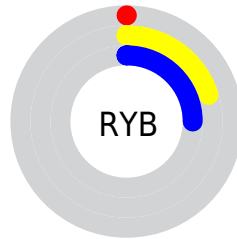
The HunterLab color **19.5475, -16.0229, 10.1561** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.5640, 21.6490, -6.8323**, and the grayscale version is **14.6382, -0.7811, 0.7953**.

A 20% lighter version of the original color is **36.4037, -21.6644, 14.6299**, and **6.8245, -5.8521, 4.1028** is the 20% darker color. If you saturate the color by 10%, you get **19.5479, -16.0231, 10.1562**, and if you desaturate by 10%, it is **19.6973, -15.3071, 9.6148**.

Distribution



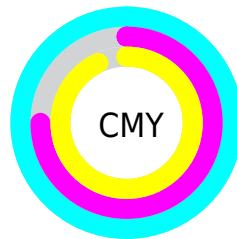
- Red (0%)
- Green (25%)
- Blue (7%)



- Red (0%)
- Yellow (20%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (74%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.5475, -16.0229, 10.1561 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 19.5475, -16.0229, 10.1561 by changing the saturation by 10% instead.

■ 19.5475, -16.0229,
10.1561

■ 19.5475, -16.0229,
10.1561

■ 117.3701,
-37.3206, 27.7994

■ 12.5461, -13.0036,
8.7823

■ 36.3394, -21.5863,
14.6842

■ 5.8311, -10.2044,
4.0818

■ 45.9473, -24.0837,
16.7364

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.2784, -26.4605,
18.6997

0.0000, NaN, NaN

■ 67.2852, -28.7464,
20.5972

0.0000, NaN, NaN

■ 78.9287, -30.9622,
22.4455


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.1756, -33.1227,


24.2563


0.0000, NaN, NaN


 103.9977,
-35.2393, 26.0387


 19.5475, -16.0229,
10.1561


 19.5475, -16.0229,
10.1561


 19.5479, -16.0231,
10.1562

 19.6973, -15.3071,
9.6148

 19.8585, -14.5317,
8.9582

 20.0632, -13.5674,
8.2121

 20.3198, -12.3870,
7.3869

 20.6300, -10.9936,
6.4903

■ 20.9947, -9.3950,
5.5307

■ 21.4139, -7.6033,
4.5175

■ 21.8873, -5.6334,
3.4600

■ 22.4137, -3.5019,
2.3676

Harmonies

Analogous

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



19.5479, -9.0477, 12.7718



19.5475, -16.0229, 10.1561



19.5479, -18.8557, 3.6279

Triad

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



19.5479, -16.0231, 10.1562



19.5479, -3.8619, -34.7844



19.5479, 24.6416, 7.6922

Complementary

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



19.5475, -16.0229, 10.1561



11.5640, 21.6490, -6.8323

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.



19.5479, 26.9688, -1.9023



19.5475, -16.0229, 10.1561



19.5479, 8.4989, -31.2192

Square

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



19.5479, -16.0231, 10.1562



19.5479, -13.0011, -25.0882



19.5479, 20.4903, -17.1012



19.5479, 14.7281, 11.7303

Rectangle

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



19.5475, -16.0229, 10.1561



19.5479, -18.6356, -4.2886



19.5479, 20.4903, -17.1012



19.5479, 26.4197, 5.2320

Sweetspot

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



19.5479, -16.0231, 10.1562



27.7100, -10.1713, 6.0304



21.0417, -10.1433, 12.7882



14.4912, -5.5657, 3.2916



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.



19.5479, -16.0231, 10.1562



25.3415, -20.9138, 13.4721



20.0010, -13.2302, 3.5607



12.1118, -1.7117, 1.1878



29.3302, -24.2781, 15.7493



73.3752, -61.3984, 40.8289

Inverse Universe

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



11.5640, 21.6490, -6.8323



14.9703, 27.9706, -8.4156



10.7797, 18.8146, 4.2213



11.6270, 0.4812, 0.1014



17.3147, 32.3207, -9.4993



43.1900, 80.3137, -21.3125

Previews

White Background



This preview shows how the HunterLab color 19.5475, -16.0229, 10.1561 looks on a white background.

Color Contrast Check

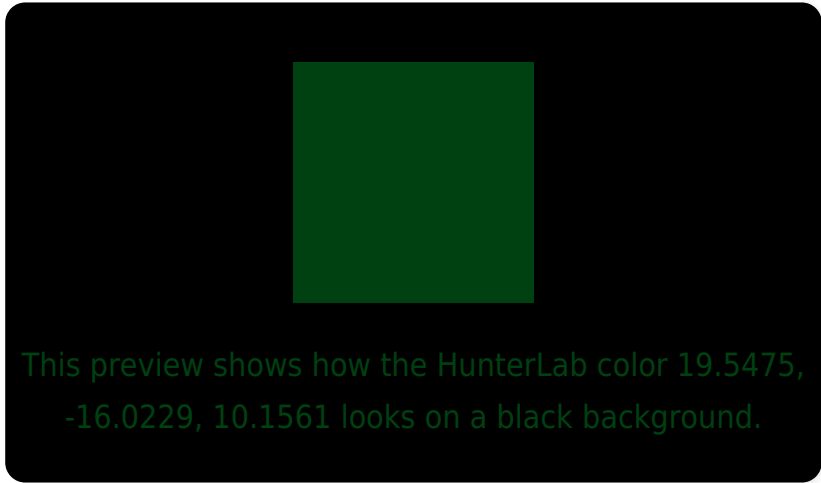
Large Text (above 18pt) WCAG AA ✓ Pass

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

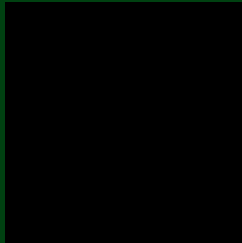
Any Text WCAG AA × Fail

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 19.5475, -16.0229, 10.1561 Background



This preview shows how black text looks on a background with the HunterLab color 19.5475, -16.0229, 10.1561.



This preview shows how white text looks on a background with the HunterLab color 19.5475,

-16.0229, 10.1561.

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

19.5475, -16.0229, 10.1561

Protanopia

19.7154, -2.9312, 10.7381

Deuteranopia

19.6706, 0.7141, 9.8456



Tritanopia

19.9094, -7.0113, -3.2040

Trichromacy



Original Color

19.5475, -16.0229, 10.1561

Protanomaly

18.9649, -9.7129, 9.9835

Deuteranomaly

18.7410, -7.7651, 9.3184

Tritanomaly

19.4366, -11.1715, 3.2512

Monochromacy



Original Color

19.5475, -16.0229, 10.1561

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.8354, -7.8735, 4.5034

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.5475, -16.0229, 10.1561 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, 17)` looks like.

```
.text, #text, p{  
    color:rgb(0, 65, 17)  
}
```

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, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 65, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 19.5475, -16.0229, 10.1561 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, 17) }
```


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

```
.border{ border-color:rgb(0, 65, 17) }
```

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, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 65, 17); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 65, 17); box-shadow:4px  
4px 4px 4px rgb(0, 65, 17) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.5475, -16.0229, 10.1561 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, 17) }
```

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

```
.background{ background-color: rgb(0, 65,  
17) }
```

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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