

Converting Colors

HunterLab(19.3957, -14.3628,
6.7623)

Have a look what the booklet for
HunterLab(19.3957, -14.3628,
6.7623) contains.

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Color

**HunterLab(19.4631,
-14.4638, 6.8960)**

Conversions

Conversions Part 1

Format	Color
Hex	004023
RGB	0, 64, 35
RGB Percent	0%, 25%, 14%
CMY	1.0000, 0.7490, 0.8627
CMYK	1.00, 0.00, 0.45, 0.75
HSL	153°, 100%, 13%
HSV	153°, 100%, 25%
XYZ	2.1368, 3.7881, 2.2087
YIQ	41.5580, -28.8350, -22.5870

Conversions

Conversions Part 2

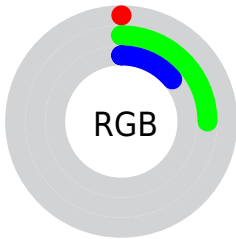
Format	Color
RYB	0, 41, 64
Decimal	16419
CIELab	22.96, -26.81, 12.62
CIElCh	23, 29.632, 154.782
Yxy	3.7883, 0.2627, 0.4657
Android (android.graphics.Color)	4278206499 (0xFF004023)
YUV	41.5580, -3.2331, -36.4464
Hunter-Lab	19.4631, -14.4638, 6.8960

Details

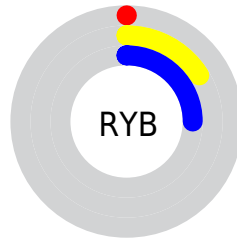
The HunterLab color **19.4631, -14.4638, 6.8960** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.8571, 19.4096, 0.6815**, and the grayscale version is **15.0896, -0.8051, 0.8198**.

A 20% lighter version of the original color is **36.3733, -19.5650, 9.6995**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.4635, -14.4641, 6.8962**, and if you desaturate by 10%, it is **19.6151, -13.7434, 6.3288**.

Distribution



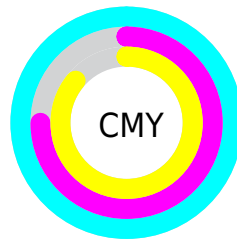
- Red (0%)
- Green (25%)
- Blue (14%)



- Red (0%)
- Yellow (16%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (45%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4631, -14.4638, 6.8960 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 19.4631, -14.4638, 6.8960 by changing the saturation by 10% instead.

■ 19.4631, -14.4638,
6.8960

■ 19.4631, -14.4638,
6.8960

■ 117.2166,
-33.6683, 18.5524

■ 12.4733, -11.6803,
5.5019

■ 36.2356, -19.4104,
9.6505

■ 5.7232, -10.0156,
4.0063

■ 45.8350, -21.6479,
10.9554

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1582, -23.7870,
12.2367

0.0000, NaN, NaN

■ 67.1577, -25.8527,
13.5045

0.0000, NaN, NaN

■ 78.7942, -27.8626,
14.7657

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.0345, -29.8292,


16.0253


0.0000, NaN, NaN


 103.8503,
-31.7620, 17.2867


 19.4631, -14.4638,
6.8960


 19.4631, -14.4638,
6.8960


 19.4635, -14.4641,
6.8962

 19.6151, -13.7434,
6.3288

 19.7729, -12.9972,
5.7206

 19.9675, -12.1027,
5.1037

 20.2073, -11.0317,
4.4910

 20.4940, -9.7854,
3.8892

■ 20.8284, -8.3692,
3.3044

■ 21.2110, -6.7917,
2.7418

■ 21.6415, -5.0637,
2.2062

■ 22.1192, -3.1979,
1.7013

Harmonies

Analogous

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



19.4635, -10.0415, 10.3663



19.4631, -14.4638, 6.8960



19.4635, -15.5758, -0.3785

Triad

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



19.4635, -14.4640, 6.8961



19.4635, 0.4394, -23.8639



19.4635, 15.4991, 8.3586

Complementary

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



19.4631, -14.4638, 6.8960



10.8571, 19.4096, 0.6815

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.



19.4635, 19.6230, 2.3955



19.4631, -14.4638, 6.8960



19.4635, 9.9700, -18.1445

Square

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



19.4635, -14.4640, 6.8961



19.4635, -7.9415, -20.7876



19.4635, 17.4342, -7.4405



19.4635, 6.9822, 10.9035

Rectangle

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



19.4631, -14.4638, 6.8960



19.4635, -14.5036, -7.2793



19.4635, 17.4342, -7.4405



19.4635, 17.5097, 6.8204

Sweetspot

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



19.4635, -14.4640, 6.8961



27.8713, -9.2400, 3.7102



19.8518, -13.4752, 11.9966



14.5797, -5.0529, 2.0170



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.



19.4635, -14.4640, 6.8961



25.6152, -19.2138, 9.4603



19.4963, -9.9396, -2.9117



12.1325, -1.5967, 0.8921



29.6444, -22.3255, 11.1415



74.1280, -56.7117, 29.7707

Inverse Universe

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



10.8571, 19.4096, 0.6815



14.2567, 25.4025, 1.5574



10.6600, 17.1385, 6.8685



11.6049, 0.3625, 0.4147



16.4835, 29.3275, 2.1318



41.0662, 72.6478, 8.5466

Previews

White Background



This preview shows how the HunterLab color 19.4631, -14.4638, 6.8960 looks on a white background.

Color Contrast Check

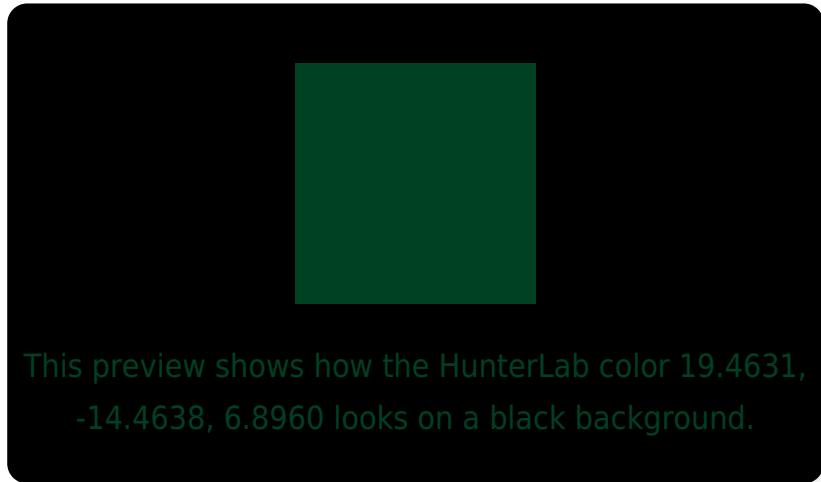
Large Text (above 18pt) WCAG AA ✓ Pass

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 19.4631, -14.4638, 6.8960 Background



This preview shows how black text looks on a background with the HunterLab color 19.4631, -14.4638, 6.8960.



This preview shows how white text looks on a background with the HunterLab color 19.4631,

-14.4638, 6.8960.

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

19.4631, -14.4638, 6.8960

Protanopia

19.5672, -1.8456, 7.8843

Deuteranopia

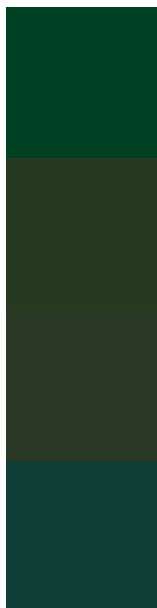
19.6071, 0.9168, 6.5529



Tritanopia

19.7821, -7.5528, -2.9314

Trichromacy



Original Color

19.4631, -14.4638, 6.8960

Protanomaly

18.8872, -8.2509, 6.9770

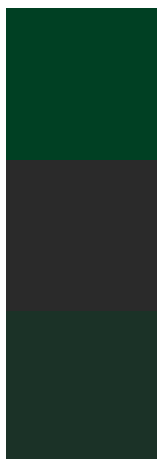
Deuteranomaly

18.8469, -6.9188, 5.9862

Tritanomaly

19.5273, -10.5387, 1.2515

Monochromacy



Original Color

19.4631, -14.4638, 6.8960

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.3117, -7.1100, 2.9498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4631, -14.4638, 6.8960 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, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 35)  
}
```

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, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4631, -14.4638, 6.8960 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, 35) }
```


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

```
.border{ border-color:rgb(0, 64, 35) }
```

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, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 35); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 35); box-shadow:4px  
4px 4px 4px rgb(0, 64, 35) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4631, -14.4638, 6.8960 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, 35) }
```

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

```
.background{ background-color: rgb(0, 64,  
35) }
```

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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