

Converting Colors

HunterLab(19.5735, -14.6984,
7.2644)

Have a look what the booklet for
HunterLab(19.5735, -14.6984,
7.2644) contains.

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Color

**HunterLab(19.4481,
-14.5567, 7.1153)**

Conversions

Conversions Part 1

Format	Color
Hex	004022
RGB	0, 64, 34
RGB Percent	0%, 25%, 13%
CMY	1.0000, 0.7490, 0.8667
CMYK	1.00, 0.00, 0.47, 0.75
HSL	152°, 100%, 13%
HSV	152°, 100%, 25%
XYZ	2.1221, 3.7823, 2.1316
YIQ	41.4440, -28.5140, -22.8980

Conversions

Conversions Part 2

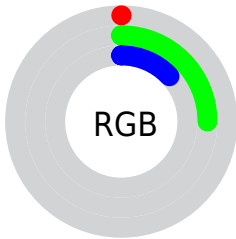
Format	Color
RYB	0, 42, 64
Decimal	16418
CIELab	22.94, -27.04, 13.23
CIELCh	23, 30.108, 153.928
Yxy	3.7824, 0.2641, 0.4707
Android (android.graphics.Color)	4278206498 (0xFF004022)
YUV	41.4440, -3.6699, -36.3464
Hunter-Lab	19.4481, -14.5567, 7.1153

Details

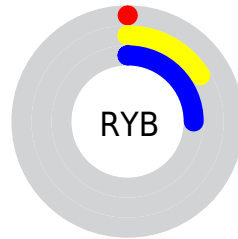
The HunterLab color **19.4481, -14.5567, 7.1153** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.8803, 19.4938, 0.3517**, and the grayscale version is **15.0538, -0.8032, 0.8179**.

A 20% lighter version of the original color is **36.3532, -19.6853, 9.9917**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.4485, -14.5570, 7.1155**, and if you desaturate by 10%, it is **19.6006, -13.8329, 6.5410**.

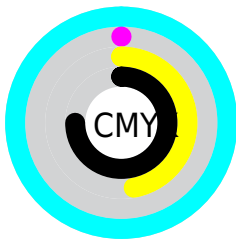
Distribution



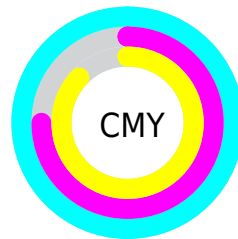
- Red (0%)
- Green (25%)
- Blue (13%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (47%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4481, -14.5567, 7.1153 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 19.4481, -14.5567, 7.1153 by changing the saturation by 10% instead.

■ 19.4481, -14.5567,
7.1153

■ 19.4481, -14.5567,
7.1153

■ 117.1894,
-33.8943, 19.1001

■ 12.4604, -11.7600,
5.7031

■ 36.2172, -19.5429,
9.9673

■ 5.7038, -9.9817,
3.9927

■ 45.8150, -21.7970,
11.3130

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1369, -23.9512,
12.6316

0.0000, NaN, NaN

■ 67.1351, -26.0309,
13.9339

0.0000, NaN, NaN

■ 78.7703, -28.0537,
15.2273


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 91.0095, -30.0326,


16.5171


0.0000, NaN, NaN


 103.8241,
-31.9770, 17.8071


 19.4481, -14.5567,
7.1153


 19.4481, -14.5567,
7.1153


 19.4485, -14.5570,
7.1155

 19.6006, -13.8329,
6.5410

 19.7591, -13.0819,
5.9224

 19.9546, -12.1811,
5.2916

 20.1955, -11.1021,
4.6613

 20.4837, -9.8466,
4.0385

■ 20.8198, -8.4199,
3.4293

■ 21.2042, -6.8308,
2.8394

■ 21.6368, -5.0904,
2.2736

■ 22.1168, -3.2115,
1.7362

Harmonies

Analogous

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



19.4485, -9.9907, 10.5059



19.4481, -14.5567, 7.1153



19.4485, -15.7728, -0.1345

Triad

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



19.4485, -14.5569, 7.1154



19.4485, 0.1927, -24.4577



19.4485, 15.9968, 8.3238

Complementary

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



19.4481, -14.5567, 7.1153



10.8803, 19.4938, 0.3517

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.



19.4485, 20.0361, 2.1806



19.4481, -14.5567, 7.1153



19.4485, 9.8978, -18.8194

Square

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



19.4485, -14.5569, 7.1154



19.4485, -8.2438, -21.0471



19.4485, 17.6195, -7.9247



19.4485, 7.3969, 10.9486

Rectangle

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



19.4481, -14.5567, 7.1153



19.4485, -14.7538, -7.1142



19.4485, 17.6195, -7.9247



19.4485, 17.9990, 6.7392

Sweetspot

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



19.4485, -14.5569, 7.1154



27.8620, -9.2936, 3.8438



19.8928, -13.3076, 12.0248



14.5746, -5.0826, 2.0907



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.



19.4485, -14.5569, 7.1154



25.5952, -19.3370, 9.7512



19.7938, -10.2966, -2.5130



12.1314, -1.6030, 0.9085



29.6212, -22.4685, 11.4791



74.0699, -57.0710, 30.6190

Inverse Universe

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



10.8803, 19.4938, 0.3517



14.2871, 25.5131, 1.1230



10.5509, 17.5041, 6.8077



11.6061, 0.3690, 0.3977



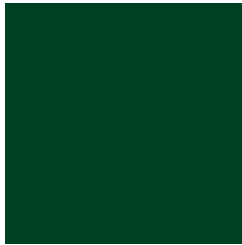
16.5186, 29.4553, 1.6296



41.1523, 72.9623, 7.3066

Previews

White Background



This preview shows how the HunterLab color 19.4481, -14.5567, 7.1153 looks on a white background.

Color Contrast Check

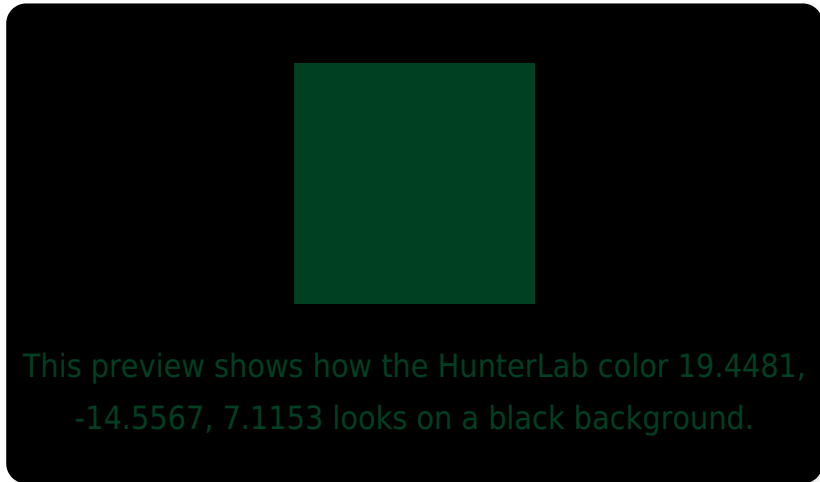
Large Text (above 18pt) WCAG AA ✓ Pass

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

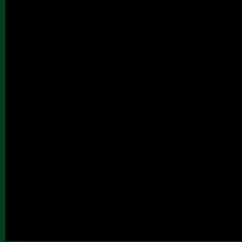
Any Text WCAG AA × Fail

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 19.4481, -14.5567, 7.1153 Background



This preview shows how black text looks on a background with the HunterLab color 19.4481, -14.5567, 7.1153.



This preview shows how white text looks on a background with the HunterLab color 19.4481,

-14.5567, 7.1153.

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

19.4481, -14.5567, 7.1153

Protanopia

19.5535, -1.9212, 8.0845

Deuteranopia

19.5909, 0.8294, 6.7893



Tritanopia

19.5130, -7.1922, -3.2977

Trichromacy



Original Color

19.4481, -14.5567, 7.1153

Protanomaly

18.8726, -8.3367, 7.1902

Deuteranomaly

18.8305, -7.0141, 6.2252

Tritanomaly

19.2494, -10.2108, 0.9330

Monochromacy



Original Color

19.4481, -14.5567, 7.1153

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.9881, -7.0548, 2.9281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4481, -14.5567, 7.1153 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, 34)` looks like.

```
.text, #text, p{  
    color:rgb(0, 64, 34)  
}
```

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, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 64, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4481, -14.5567, 7.1153 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, 34) }
```


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

```
.border{ border-color:rgb(0, 64, 34) }
```

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, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 64, 34); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 64, 34); box-shadow:4px  
4px 4px 4px rgb(0, 64, 34) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.4481, -14.5567, 7.1153 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, 34) }
```

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

```
.background{ background-color: rgb(0, 64,  
34) }
```

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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