

Converting Colors

HunterLab(18.7547, -15.5756,
3.4549)

Have a look what the booklet for
HunterLab(18.7547, -15.5756,
3.4549) contains.

HunterLab(19.3506, -13.0978, 4.0878)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.3506,
-13.0978, 4.0878)**

Conversions

Conversions Part 1

Format	Color
Hex	003F2D
RGB	0, 63, 45
RGB Percent	0%, 25%, 18%
CMY	1.0000, 0.7529, 0.8235
CMYK	1.00, 0.00, 0.29, 0.75
HSL	163°, 100%, 12%
HSV	163°, 100%, 25%
XYZ	2.2511, 3.7445, 3.0867
YIQ	42.1110, -31.7700, -18.9540

Conversions

Conversions Part 2

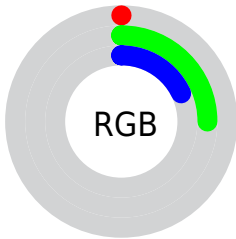
Format	Color
RYB	0, 37, 63
Decimal	16173
CIELab	22.81, -23.69, 5.93
CIELCh	23, 24.416, 165.949
Yxy	3.7446, 0.2479, 0.4123
Android (android.graphics.Color)	4278206253 (0xFF003F2D)
YUV	42.1110, 1.4243, -36.9313
Hunter-Lab	19.3506, -13.0978, 4.0878

Details

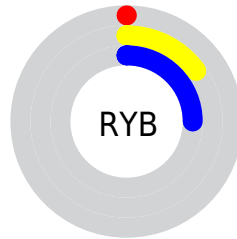
The HunterLab color **19.3506, -13.0978, 4.0878** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **10.4906, 18.3808, 3.5511**, and the grayscale version is **15.2557, -0.8140, 0.8289**.

A 20% lighter version of the original color is **36.0069, -17.3860, 5.5853**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.3509, -13.0981, 4.0881**, and if you desaturate by 10%, it is **19.4921, -12.4488, 3.6768**.

Distribution



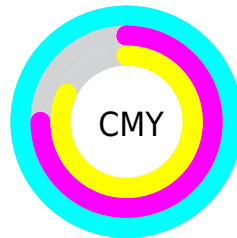
- Red (0%)
- Green (25%)
- Blue (18%)



- Red (0%)
- Yellow (15%)
- Blue (25%)



- Cyan (100%)
- Magenta (0%)
- Yellow (29%)
- Black (75%)



- Cyan (100%)
- Magenta (75%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3506, -13.0978, 4.0878 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 19.3506, -13.0978, 4.0878 by changing the saturation by 10% instead.

■ 19.3506, -13.0978,
4.0878

■ 19.3506, -13.0978,
4.0878

■ 117.0118,
-30.5882, 12.2579

■ 12.3764, -10.5598,
3.2064

■ 36.0972, -17.5411,
5.8176

■ 5.5760, -9.7580,
3.9032

■ 45.6852, -19.5662,
6.6904

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9980, -21.5106,
7.5759

0.0000, NaN, NaN

■ 66.9876, -23.3958,
8.4768

0.0000, NaN, NaN

■ 78.6148, -25.2368,
9.3947


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.8463, -27.0441,


10.3305


0.0000, NaN, NaN


 103.6535,
-28.8259, 11.2848


 19.3506, -13.0978,
4.0878


 19.3506, -13.0978,
4.0878


 19.3509, -13.0981,
4.0881

 19.4921, -12.4488,
3.6768

 19.6369, -11.7876,
3.2534

 19.8150, -10.9968,
2.8520

 20.0353, -10.0459,
2.4853

 20.2994, -8.9348,
2.1580

■ 20.6083, -7.6670,
1.8738

■ 20.9626, -6.2489,
1.6356

■ 21.3623, -4.6894,
1.4453

■ 21.8068, -2.9990,
1.3038

Harmonies

Analogous

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



19.3510, -10.3199, 8.3534



19.3506, -13.0978, 4.0878



19.3510, -13.0069, -3.0939

Triad

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



19.3510, -13.0979, 4.0880



19.3510, 3.0773, -17.2485



19.3510, 10.0106, 8.5298

Complementary

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



19.3506, -13.0978, 4.0878



10.4906, 18.3808, 3.5511

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.



19.3510, 14.8196, 4.4470



19.3506, -13.0978, 4.0878



19.3510, 10.4206, -11.0715

Square

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



19.3510, -13.0979, 4.0880



19.3510, -4.4015, -17.4631



19.3510, 14.9801, -2.5696



19.3510, 2.5817, 10.1777

Rectangle

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



19.3506, -13.0978, 4.0878



19.3510, -11.3504, -8.8178



19.3510, 14.9801, -2.5696



19.3510, 12.0335, 7.4847

Sweetspot

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



19.3510, -13.0979, 4.0880



27.1117, -8.3508, 2.1571



19.2161, -14.6393, 11.5844



13.8718, -4.4251, 1.1282



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



19.3510, -13.0979, 4.0880



25.0656, -17.1014, 5.5872



16.3541, -6.1890, -7.0804



11.3666, -1.4101, 0.6677



29.1166, -19.9409, 6.6535



73.9239, -51.3912, 18.5404

Inverse Universe

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



10.4906, 18.3808, 3.5511



13.5613, 23.6897, 5.1543



11.5524, 13.6043, 7.3564



10.8620, 0.2536, 0.5579



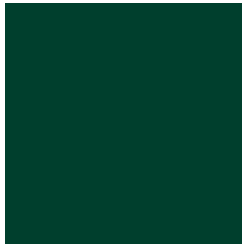
15.7390, 27.4551, 6.2823



39.8361, 69.1324, 18.6729

Previews

White Background



This preview shows how the HunterLab color 19.3506, -13.0978, 4.0878 looks on a white background.

Color Contrast Check

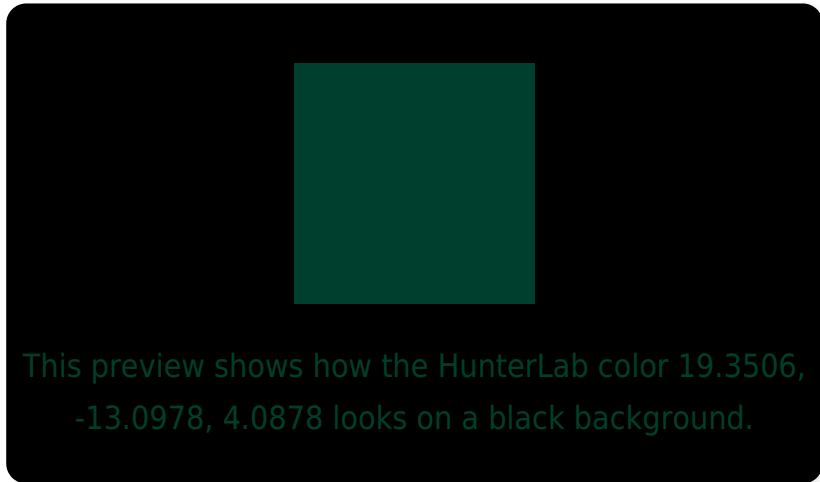
Large Text (above 18pt) WCAG AA ✓ Pass

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

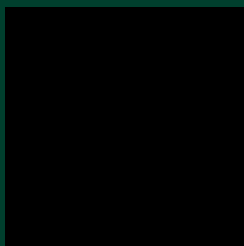
Any Text WCAG AA × Fail

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 19.3506, -13.0978, 4.0878 Background



This preview shows how black text looks on a background with the HunterLab color 19.3506, -13.0978, 4.0878.



This preview shows how white text looks on a background with the HunterLab color 19.3506,

-13.0978, 4.0878.

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

19.3506, -13.0978, 4.0878

Protanopia

19.5506, -1.6185, 5.6568

Deuteranopia

19.5146, 0.9381, 3.8704



Tritanopia

19.4237, -7.5317, -3.4285

Trichromacy



Original Color

19.3506, -13.0978, 4.0878

Protanomaly

18.9878, -7.5616, 4.7279

Deuteranomaly

18.9067, -6.3557, 3.4333

Tritanomaly

19.3094, -9.7710, -0.5639

Monochromacy



Original Color

19.3506, -13.0978, 4.0878

Achromatopsia

15.2162, -0.8119, 0.8267

Achromatomaly

16.3971, -6.6108, 1.7239

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3506, -13.0978, 4.0878 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, 63, 45)` looks like.

```
.text, #text, p{  
    color:rgb(0, 63, 45)  
}
```

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, 63, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 63, 45) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3506, -13.0978, 4.0878 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, 63, 45) }
```


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

```
.border{ border-color:rgb(0, 63, 45) }
```

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

Here you see how a box with a 4 pixel rgb(0, 63, 45) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 63, 45); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 63, 45); box-shadow:4px  
4px 4px 4px rgb(0, 63, 45) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.3506, -13.0978, 4.0878 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 63, 45) }
```

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

```
.background{ background-color: rgb(0, 63,  
45) }
```

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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