

Converting Colors

HunterLab(19.3128, -15.5464,
11.6283)

Have a look what the booklet for
HunterLab(19.3128, -15.5464,
11.6283) contains.

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Color

**HunterLab(19.3519,
-15.5562, 11.6522)**

Conversions

Conversions Part 1

Format	Color
Hex	0C4000
RGB	12, 64, 0
RGB Percent	5%, 25%, 0%
CMY	0.9529, 0.7490, 1.0000
CMYK	0.81, 0.00, 1.00, 0.75
HSL	109°, 100%, 13%
HSV	109°, 100%, 25%
XYZ	1.9850, 3.7450, 0.6182
YIQ	41.1560, -10.4480, -30.9280

Conversions

Conversions Part 2

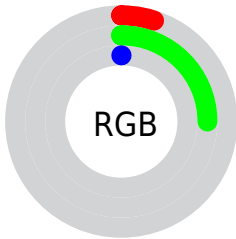
Format	Color
RYB	0, 64, 52
Decimal	802816
CIELab	22.81, -29.59, 30.48
CIELCh	23, 42.484, 134.148
Yxy	3.7451, 0.3127, 0.5899
Android (android.graphics.Color)	4278992896 (0xFF0C4000)
YUV	41.1560, -20.2899, -25.5698
Hunter-Lab	19.3519, -15.5562, 11.6522

Details

The HunterLab color **19.3519, -15.5562, 11.6522** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **10.4899, 21.4920, -20.5765**, and the grayscale version is **15.0082, -0.8008, 0.8154**.

A 20% lighter version of the original color is **36.2594, -21.0259, 17.4024**, and **6.5773, -5.6401, 3.9542** is the 20% darker color. If you saturate the color by 10%, you get **19.3523, -15.5567, 11.6524**, and if you desaturate by 10%, it is **19.4987, -14.8681, 11.1957**.

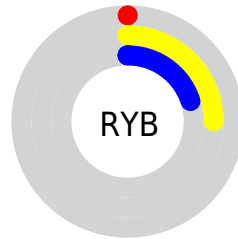
Distribution



Red (5%)

Green (25%)

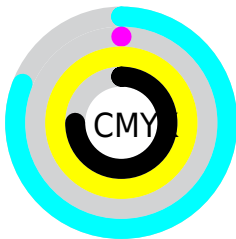
Blue (0%)



Red (0%)

Yellow (25%)

Blue (20%)

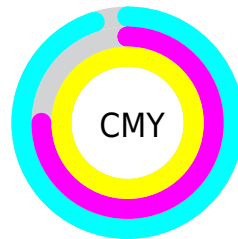


Cyan (81%)

Magenta (0%)

Yellow (100%)

Black (75%)



Cyan (95%)

Magenta (75%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.3519, -15.5562, 11.6522 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 19.3519, -15.5562, 11.6522 by changing the saturation by 10% instead.

■ 19.3519, -15.5562,
11.6522

■ 19.3519, -15.5562,
11.6522

■ 117.0142,
-36.3296, 33.4015

■ 12.3775, -12.6390,
8.6643

■ 36.0988, -20.9694,
17.2977

■ 5.5777, -9.7611,
3.9044

■ 45.6870, -23.4021,
19.8808

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 55.9999, -25.7191,
22.3292

0.0000, NaN, NaN

■ 66.9896, -27.9493,
24.6745

0.0000, NaN, NaN

■ 78.6169, -30.1127,
26.9395


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 90.8485, -32.2238,


29.1409


0.0000, NaN, NaN


 103.6559,
-34.2933, 31.2916


 19.3519, -15.5562,
11.6522


 19.3519, -15.5562,
11.6522


 19.3523, -15.5567,
11.6524

 19.4987, -14.8681,
11.1957

 19.6740, -14.0642,
10.7493

 19.8896, -13.0811,
10.1631

 20.1490, -11.9052,
9.3996

 20.4532, -10.5400,
8.4569

■ 20.8026, -8.9926,
7.3370

■ 21.1969, -7.2730,
6.0454

■ 21.6358, -5.3933,
4.5902

■ 22.1183, -3.3667,
2.9812

Harmonies

Analogous

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



19.3523, -6.7762, 13.5466



19.3519, -15.5562, 11.6522



19.3523, -19.6970, 6.4912

Triad

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



19.3523, -15.5565, 11.6523



19.3523, -7.4035, -38.6643



19.3523, 29.6858, 6.0138

Complementary

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



19.3519, -15.5562, 11.6522



10.4899, 21.4920, -20.5765

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.



19.3523, 29.3872, -6.6390



19.3519, -15.5562, 11.6522



19.3523, 5.4680, -39.1410

Square

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



19.3523, -15.5565, 11.6523



19.3523, -15.9106, -23.9303



19.3523, 19.6530, -24.9810



19.3523, 20.3850, 11.4609

Rectangle

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



19.3519, -15.5562, 11.6522



19.3523, -20.1969, -0.7480



19.3523, 19.6530, -24.9810



19.3523, 30.7686, 2.6967

Sweetspot

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



19.3523, -15.5565, 11.6523



27.8507, -9.9005, 8.2071



18.6423, -0.9584, 11.4703



14.5676, -5.4177, 4.4754



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.



19.3523, -15.5565, 11.6523



25.4404, -20.7222, 15.3135



19.2735, -15.6431, 9.6792



12.1322, -1.6761, 1.4976



29.4298, -24.0990, 17.7126



73.4985, -61.2987, 44.2163

Inverse Universe

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



10.4899, 21.4920, -20.5765



13.7292, 28.1909, -27.4016



11.3050, 21.0214, -5.5815



11.6038, 0.4441, -0.2503



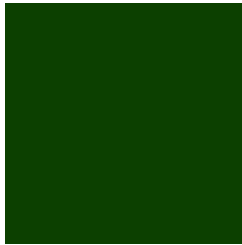
15.8496, 32.5763, -31.8774



39.2290, 80.9548, -81.4247

Previews

White Background



This preview shows how the HunterLab color 19.3519, -15.5562, 11.6522 looks on a white background.

Color Contrast Check

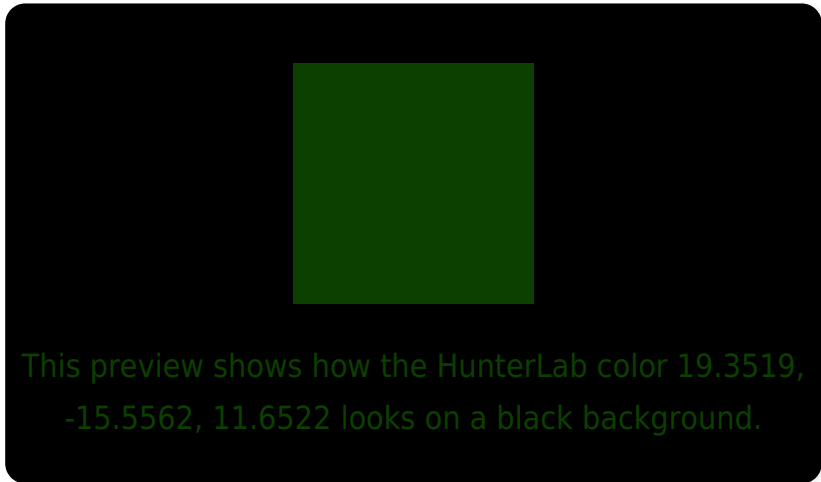
Large Text (above 18pt) WCAG AA ✓ Pass

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

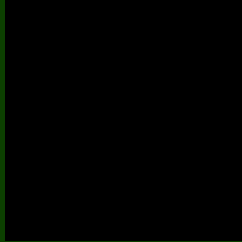
Any Text WCAG AA × Fail

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 19.3519, -15.5562, 11.6522 Background



This preview shows how black text looks on a background with the HunterLab color 19.3519, -15.5562, 11.6522.



This preview shows how white text looks on a background with the HunterLab color 19.3519,

-15.5562, 11.6522.

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

19.3519, -15.5562, 11.6522

Protanopia

19.3817, -3.0397, 11.8897

Deuteranopia

19.3724, 0.7573, 10.6789



Tritanopia

19.3889, -6.3479, -2.9962

Trichromacy



Original Color

19.3519, -15.5562, 11.6522

Protanomaly

18.8722, -8.8908, 11.4733

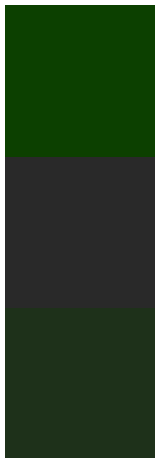
Deuteranomaly

18.6452, -6.9492, 10.5456

Tritanomaly

19.1827, -11.0292, 5.1432

Monochromacy



Original Color

19.3519, -15.5562, 11.6522

Achromatopsia

14.8909, -0.7945, 0.8091

Achromatomaly

15.9600, -7.5727, 6.0714

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.3519, -15.5562, 11.6522 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(12, 64, 0)` looks like.

```
.text, #text, p{  
    color:rgb(12, 64, 0)  
}
```

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(12, 64, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(12, 64, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 19.3519, -15.5562, 11.6522 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(12, 64, 0) }
```


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

```
.border{ border-color:rgb(12, 64, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(12, 64, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(12, 64, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(12, 64, 0); box-shadow:4px  
4px 4px 4px rgb(12, 64, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 19.3519, -15.5562, 11.6522 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(12, 64, 0) }
```

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

```
.background{ background-color: rgb(12, 64,  
0) }
```

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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