

Converting Colors

HunterLab(15.7319, -11.0560,
4.2033)

Have a look what the booklet for
HunterLab(15.7319, -11.0560,
4.2033) contains.

| | |
|---|----|
| HunterLab(15.7399, -11.0065, 4.0863) | 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(15.7399,
-11.0065, 4.0863)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003321 |
| RGB | 0, 51, 33 |
| RGB Percent | 0%, 20%, 13% |
| CMY | 1.0000, 0.8000, 0.8706 |
| CMYK | 1.00, 0.00, 0.35, 0.80 |
| HSL | 159°, 100%, 10% |
| HSV | 159°, 100%, 20% |
| XYZ | 1.4583, 2.4774, 1.8402 |
| YIQ | 33.6990, -24.6180, -16.4100 |

Conversions

Conversions Part 2

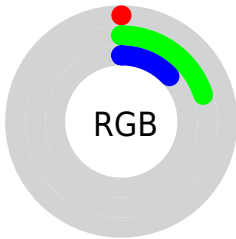
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 31, 51 |
| Decimal | 13089 |
| CIELab | 17.82, -21.52, 6.98 |
| CIELCh | 18, 22.619, 162.028 |
| Yxy | 2.4775, 0.2525, 0.4289 |
| Android (android.graphics.Color) | 4278203169 (0xFF003321) |
| YUV | 33.6990, -0.3446, -29.5540 |
| Hunter-Lab | 15.7399, -11.0065, 4.0863 |

Details

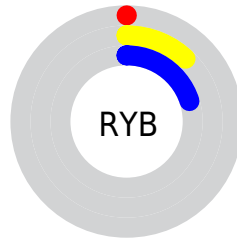
The HunterLab color **15.7399, -11.0065, 4.0863** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.6460, 15.3111, 1.6709**, and the grayscale version is **12.5595, -0.6701, 0.6824**.

A 20% lighter version of the original color is **31.5832, -15.2988, 6.0130**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7402, -11.0067, 4.0865**, and if you desaturate by 10%, it is **15.8771, -10.3798, 3.7215**.

Distribution



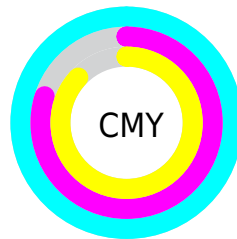
- Red (0%)
- Green (20%)
- Blue (13%)



- Red (0%)
- Yellow (12%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (35%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7399, -11.0065, 4.0863 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 15.7399, -11.0065, 4.0863 by changing the saturation by 10% instead.

■ 15.7399, -11.0065,
4.0863

■ 15.7399, -11.0065,
4.0863

■ 110.2763,
-27.6180, 12.7592

■ 9.3025, -10.5754,
3.6163

■ 31.6001, -15.2651,
5.9858

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.8051, -17.1871,
6.9227

0.0000, NaN, NaN

■ 50.7628, -19.0281,
7.8641

0.0000, NaN, NaN

■ 61.4199, -20.8113,
8.8151

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.7333, -22.5522,
9.7785


0.0000, NaN, NaN


■ 84.6670, -24.2619,


0.0000, NaN, NaN


10.7562


 97.1901, -25.9485,
11.7495


 15.7399, -11.0065,
4.0863

 15.7399, -11.0065,
4.0863


 15.7402, -11.0067,
4.0865

 15.8771, -10.3798,
3.7215

 16.0145, -9.7540,
3.3384

 16.1690, -9.0630,
2.9556

 16.3562, -8.2482,
2.5922

 16.5771, -7.3109,
2.2519

■ 16.8322, -6.2545,
1.9380

■ 17.1218, -5.0848,
1.6529

■ 17.4458, -3.8087,
1.3988

■ 17.8038, -2.4344,
1.1771

Harmonies

Analogous

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



15.7402, -8.3292, 7.3532



15.7399, -11.0065, 4.0863



15.7402, -11.2478, -1.8124

Triad

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



15.7402, -11.0066, 4.0864



15.7402, 1.8348, -15.6539



15.7402, 9.4995, 6.8961

Complementary

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



15.7399, -11.0065, 4.0863



8.6460, 15.3111, 1.6709

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.



15.7402, 13.2574, 3.1274



15.7399, -11.0065, 4.0863



15.7402, 8.3773, -10.7028

Square

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



15.7402, -11.0066, 4.0864



15.7402, -4.4959, -15.0545



15.7402, 12.8164, -3.2465



15.7402, 3.1818, 8.5946

Rectangle

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



15.7399, -11.0065, 4.0863



15.7402, -10.0547, -6.7941



15.7402, 12.8164, -3.2465



15.7402, 11.1466, 5.9268

Sweetspot

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



15.7402, -11.0066, 4.0864



22.0015, -6.7987, 2.1851



15.8215, -11.3665, 9.5500



11.6028, -3.6456, 1.1666



59.5560, -3.1778, 3.2358



12.3795, -0.6605, 0.6726

Same Dimension

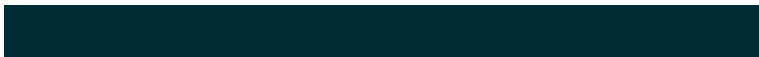
The Same Dimension uses a secret algorithm to generate beautiful new colors.



15.7402, -11.0066, 4.0864



20.2614, -14.3140, 5.5748



14.3367, -6.3416, -4.2297



9.8330, -1.2001, 0.6279



27.3667, -19.5151, 7.9215



71.6922, -52.0109, 22.6677

Inverse Universe

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



8.6460, 15.3111, 1.6709



11.1004, 19.5816, 2.7398



9.2275, 11.6905, 5.8904



9.4298, 0.1945, 0.4320



14.9594, 26.2975, 4.4022



39.0413, 68.2139, 14.7280

Previews

White Background



This preview shows how the HunterLab color 15.7399, -11.0065, 4.0863 looks on a white background.

Color Contrast Check

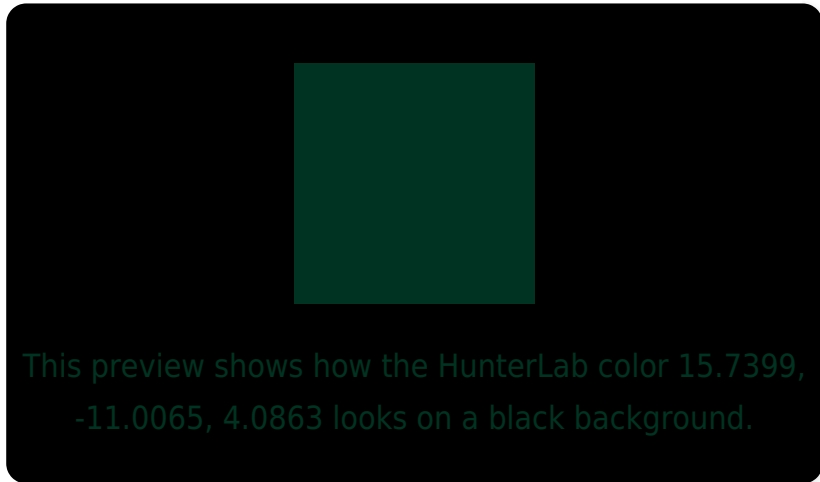
Large Text (above 18pt) WCAG AA ✓ Pass

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

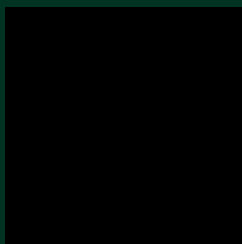
Any Text WCAG AA × Fail

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 15.7399, -11.0065, 4.0863 Background



This preview shows how black text looks on a background with the HunterLab color 15.7399, -11.0065, 4.0863.



This preview shows how white text looks on a background with the HunterLab color 15.7399,

-11.0065, 4.0863.

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

15.7399, -11.0065, 4.0863

Protanopia

15.8855, -1.3490, 5.1805

Deuteranopia

16.0598, 0.6094, 4.0362



Tritanopia

16.0694, -6.0124, -2.6306

Trichromacy



Original Color

15.7399, -11.0065, 4.0863

Protanomaly

15.5668, -6.2704, 4.5451

Deuteranomaly

15.4687, -5.2270, 3.6397

Tritanomaly

15.9675, -8.1367, 0.0990

Monochromacy



Original Color

15.7399, -11.0065, 4.0863

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

13.4300, -5.1820, 1.5036

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7399, -11.0065, 4.0863 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, 51, 33)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 33)  
}
```

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, 51, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7399, -11.0065, 4.0863 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, 51, 33) }
```


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

```
.border{ border-color:rgb(0, 51, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 51, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 33); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 33); box-shadow:4px  
4px 4px 4px rgb(0, 51, 33) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7399, -11.0065, 4.0863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 33) }
```

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

```
.background{ background-color: rgb(0, 51,  
33) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor