

Converting Colors

HunterLab(15.0426, -14.3260,
3.8079)

Have a look what the booklet for
HunterLab(15.0426, -14.3260,
3.8079) contains.

HunterLab(15.7054, -11.2186, 4.5874)	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(15.7054,
-11.2186, 4.5874)**

Conversions

Conversions Part 1

Format	Color
Hex	00331F
RGB	0, 51, 31
RGB Percent	0%, 20%, 12%
CMY	1.0000, 0.8000, 0.8784
CMYK	1.00, 0.00, 0.39, 0.80
HSL	156°, 100%, 10%
HSV	156°, 100%, 20%
XYZ	1.4312, 2.4666, 1.6970
YIQ	33.4710, -23.9760, -17.0320

Conversions

Conversions Part 2

Format	Color
RYB	0, 32, 51
Decimal	13087
CIELab	17.77, -22.08, 8.26
CIELCh	18, 23.574, 159.486
Yxy	2.4667, 0.2558, 0.4409
Android (android.graphics.Color)	4278203167 (0xFF00331F)
YUV	33.4710, -1.2182, -29.3541
Hunter-Lab	15.7054, -11.2186, 4.5874

Details

The HunterLab color **15.7054, -11.2186, 4.5874** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **8.6855, 15.4549, 1.1042**, and the grayscale version is **12.4901, -0.6664, 0.6786**.

A 20% lighter version of the original color is **31.5391, -15.5595, 6.6482**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7057, -11.2189, 4.5876**, and if you desaturate by 10%, it is **15.8445, -10.5785, 4.1938**.

Distribution



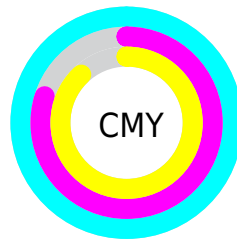
- Red (0%)
- Green (20%)
- Blue (12%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (39%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (88%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7054, -11.2186, 4.5874 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 15.7054, -11.2186, 4.5874 by changing the saturation by 10% instead.

■ 15.7054, -11.2186,
4.5874

■ 15.7054, -11.2186,
4.5874

■ 110.2102,
-28.1548, 13.9464

■ 9.2730, -10.8706,
4.1976

■ 31.5566, -15.5758,
6.6931

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.7577, -17.5383,
7.7152

0.0000, NaN, NaN

■ 50.7118, -19.4160,
8.7343

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.3656, -21.2329,
9.7568

0.0000, NaN, NaN

■ 72.6759, -23.0052,
10.7870

0.0000, NaN, NaN

■ 84.6065, -24.7444,

0.0000, NaN, NaN

11.8275

■ 97.1268, -26.4588,
12.8802

■ 15.7054, -11.2186,
4.5874

■ 15.7054, -11.2186,
4.5874

■ 15.7057, -11.2189,
4.5876

■ 15.8445, -10.5785,
4.1938

■ 15.9842, -9.9376,
3.7770

■ 16.1414, -9.2293,
3.3554

■ 16.3316, -8.3949,
2.9478

■ 16.5559, -7.4361,
2.5584

■ 16.8147, -6.3567,
2.1906

■ 17.1083, -5.1626,
1.8476

■ 17.4366, -3.8611,
1.5317

■ 17.7991, -2.4607,
1.2449

Harmonies

Analogous

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



15.7057, -8.2532, 7.7109



15.7054, -11.2186, 4.5874



15.7057, -11.6777, -1.3135

Triad

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



15.7057, -11.2187, 4.5875



15.7057, 1.3525, -16.7908



15.7057, 10.4548, 6.8434

Complementary

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



15.7054, -11.2186, 4.5874



8.6855, 15.4549, 1.1042

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.



15.7057, 14.0802, 2.7524



15.7054, -11.2186, 4.5874



15.7057, 8.2714, -11.9307

Square

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



15.7057, -11.2187, 4.5875



15.7057, -5.1234, -15.6084



15.7057, 13.2201, -4.1026



15.7057, 3.9607, 8.7364

Rectangle

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



15.7054, -11.2186, 4.5874



15.7057, -10.5949, -6.4960



15.7057, 13.2201, -4.1026



15.7057, 12.0952, 5.7893

Sweetspot

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



15.7057, -11.2187, 4.5875



21.9831, -6.9041, 2.4481



15.8768, -11.1382, 9.5881



11.5930, -3.7024, 1.3081



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.



15.7057, -11.2187, 4.5875



20.2159, -14.5936, 6.2353



14.7828, -6.9037, -3.5738



9.8308, -1.2121, 0.6588



27.3041, -19.9002, 8.8310



71.5234, -53.0504, 25.1226

Inverse Universe

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



8.6855, 15.4549, 1.1042



11.1503, 19.7641, 2.0199



9.0254, 12.3030, 5.7766



9.4320, 0.2064, 0.4006



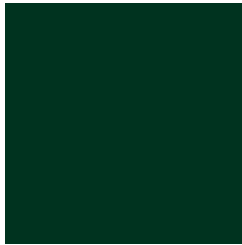
15.0253, 26.5389, 3.4482



39.2038, 68.8107, 12.3634

Previews

White Background



This preview shows how the HunterLab color 15.7054, -11.2186, 4.5874 looks on a white background.

Color Contrast Check

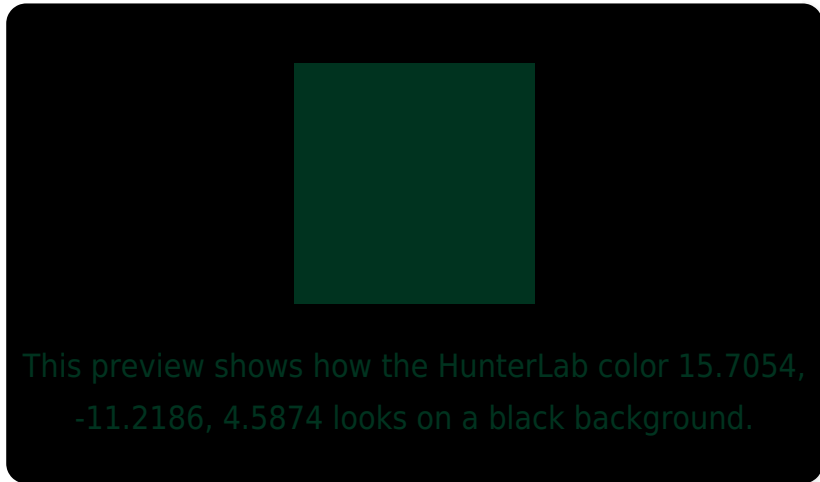
Large Text (above 18pt) WCAG AA ✓ Pass

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

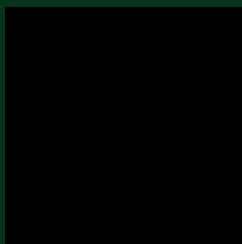
Any Text WCAG AA × Fail

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 15.7054, -11.2186, 4.5874 Background



This preview shows how black text looks on a background with the HunterLab color 15.7054, -11.2186, 4.5874.



This preview shows how white text looks on a background with the HunterLab color 15.7054,

-11.2186, 4.5874.

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

15.7054, -11.2186, 4.5874

Protanopia

15.8543, -1.5209, 5.6343

Deuteranopia

15.7981, 0.8111, 4.3490



Tritanopia

15.7811, -5.8293, -2.5837

Trichromacy



Original Color

15.7054, -11.2186, 4.5874

Protanomaly

15.5340, -6.4622, 5.0222

Deuteranomaly

15.1802, -5.0905, 3.9277

Tritanomaly

15.6513, -8.1048, 0.4756

Monochromacy



Original Color

15.7054, -11.2186, 4.5874

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

13.3465, -5.5852, 2.0558

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7054, -11.2186, 4.5874 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, 31)` looks like.

```
.text, #text, p{  
    color:rgb(0, 51, 31)  
}
```

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, 31) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 31) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7054, -11.2186, 4.5874 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, 31) }
```


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

```
.border{ border-color:rgb(0, 51, 31) }
```

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, 31)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 31); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 31); box-shadow:4px  
4px 4px 4px rgb(0, 51, 31) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.7054, -11.2186, 4.5874 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, 31) }
```

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

```
.background{ background-color: rgb(0, 51,  
31) }
```

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