

Converting Colors

HunterLab(14.5854, -12.5514,
5.1665)

Have a look what the booklet for
HunterLab(14.5854, -12.5514,
5.1665) contains.

| | |
|---|----|
| HunterLab(15.0419, -11.3332, 5.6641) | 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(15.0419,
-11.3332, 5.6641)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 003118 |
| RGB | 0, 49, 24 |
| RGB Percent | 0%, 19%, 9% |
| CMY | 1.0000, 0.8078, 0.9059 |
| CMYK | 1.00, 0.00, 0.51, 0.81 |
| HSL | 149°, 100%, 10% |
| HSV | 149°, 100%, 19% |
| XYZ | 1.2632, 2.2626, 1.2343 |
| YIQ | 31.4990, -21.1790, -18.1630 |

Conversions

Conversions Part 2

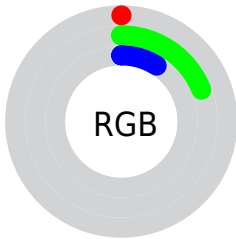
| Format | Color |
|-------------------------------------|-------------------------------|
| RYB | 0, 33, 49 |
| Decimal | 12568 |
| CIELab | 16.81, -22.98, 11.64 |
| CIELCh | 17, 25.762, 153.141 |
| Yxy | 2.2627, 0.2654, 0.4753 |
| Android (android.graphics.Color) | 4278202648 (0xFF003118) |
| YUV | 31.4990, -3.6970, -27.6246 |
| Hunter-Lab | 15.0419, -11.3332, 5.6641 |

Details

The HunterLab color **15.0419, -11.3332, 5.6641** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.5042, 15.3884, -0.9029**, and the grayscale version is **11.8777, -0.6338, 0.6453**.

A 20% lighter version of the original color is **30.7394, -15.9831, 8.4194**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.0422, -11.3335, 5.6643**, and if you desaturate by 10%, it is **15.1828, -10.6772, 5.2367**.

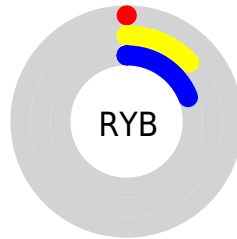
Distribution



Red (0%)

Green (19%)

Blue (9%)



Red (0%)

Yellow (13%)

Blue (19%)

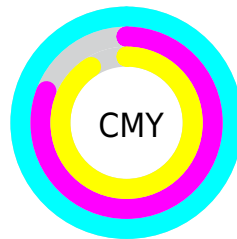


Cyan (100%)

Magenta (0%)

Yellow (51%)

Black (81%)



Cyan (100%)

Magenta (81%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0419, -11.3332, 5.6641 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 15.0419, -11.3332, 5.6641 by changing the saturation by 10% instead.

■ 15.0419, -11.3332,
5.6641

■ 15.0419, -11.3332,
5.6641

■ 108.9333,
-28.8608, 16.9007

■ 8.6824, -11.9984,
6.0294

■ 30.7171, -15.8861,
8.3461

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8429, -17.9235,
9.6029

0.0000, NaN, NaN

■ 49.7273, -19.8671,
10.8339

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.3160, -21.7434,
12.0508

0.0000, NaN, NaN


■ 71.5651, -23.5700,
13.2615


0.0000, NaN, NaN


■ 83.4377, -25.3594,


0.0000, NaN, NaN


14.4710


 95.9028, -27.1207,
15.6832


 15.0419, -11.3332,
5.6641


 15.0419, -11.3332,
5.6641


 15.0422, -11.3335,
5.6643

 15.1828, -10.6772,
5.2367

 15.3254, -10.0144,
4.7709

 15.4835, -9.2903,
4.2806

 15.6742, -8.4394,
3.7857

 15.8983, -7.4639,
3.2906

■ 16.1565, -6.3684,
2.7997

■ 16.4486, -5.1594,
2.3171

■ 16.7746, -3.8448,
1.8463

■ 17.1339, -2.4335,
1.3905

Harmonies

Analogous

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



15.0422, -7.6942, 8.4875



15.0419, -11.3332, 5.6641



15.0422, -12.3500, 0.0735

Triad

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



15.0422, -11.3333, 5.6642



15.0422, -0.0315, -19.3660



15.0422, 12.7467, 6.4161

Complementary

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



15.0419, -11.3332, 5.6641



8.5042, 15.3884, -0.9029

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.



15.0422, 15.8094, 1.5278



15.0419, -11.3332, 5.6641



15.0422, 7.6061, -15.0653

Square

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



15.0422, -11.3333, 5.6642



15.0422, -6.6003, -16.4777



15.0422, 13.7707, -6.4933



15.0422, 6.0306, 8.8765

Rectangle

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



15.0419, -11.3332, 5.6641



15.0422, -11.6000, -5.3842



15.0422, 13.7707, -6.4933



15.0422, 14.2897, 5.1553

Sweetspot

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



15.0422, -11.3333, 5.6642



21.1053, -6.9034, 3.0825



15.5160, -9.8144, 9.3890



11.5641, -3.8686, 1.7226



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.



15.0422, -11.3333, 5.6642



19.3359, -14.7321, 7.6341



15.5295, -8.3756, -1.3298



9.8244, -1.2480, 0.7510



27.1406, -20.9093, 11.2137



71.0921, -55.7189, 31.4221

Inverse Universe

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



8.5042, 15.3884, -0.9029



10.9032, 19.6549, -0.5736



8.0920, 13.8794, 5.0572



9.4387, 0.2424, 0.3057



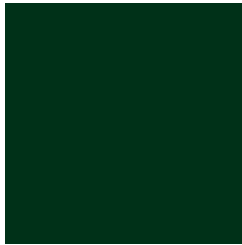
15.2639, 27.4082, 0.0305



39.8146, 71.0435, 3.5592

Previews

White Background



This preview shows how the HunterLab color 15.0419, -11.3332, 5.6641 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

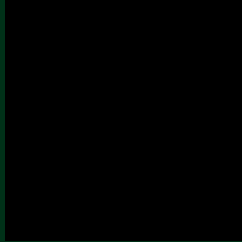
Any Text WCAG AA × Fail

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 15.0419, -11.3332, 5.6641 Background



This preview shows how black text looks on a background with the HunterLab color 15.0419, -11.3332, 5.6641.



This preview shows how white text looks on a background with the HunterLab color 15.0419,

-11.3332, 5.6641.

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

15.0419, -11.3332, 5.6641

Protanopia

15.2256, -1.4967, 6.3999

Deuteranopia

15.1525, 0.7013, 5.5252



Tritanopia

15.2405, -5.3397, -2.4418

Trichromacy



Original Color

15.0419, -11.3332, 5.6641

Protanomaly

14.8817, -6.5103, 5.8265

Deuteranomaly

14.5087, -5.2747, 5.0895

Tritanomaly

15.0708, -7.7979, 0.8970

Monochromacy



Original Color

15.0419, -11.3332, 5.6641

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

12.7423, -5.4415, 2.3478

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0419, -11.3332, 5.6641 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, 49, 24)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 24)  
}
```

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, 49, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0419, -11.3332, 5.6641 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, 49, 24) }
```


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

```
.border{ border-color:rgb(0, 49, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 49, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 24); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 24); box-shadow:4px  
4px 4px 4px rgb(0, 49, 24) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.0419, -11.3332, 5.6641 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 49, 24) }
```

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

```
.background{ background-color: rgb(0, 49,  
24) }
```

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