

Converting Colors

HunterLab(14.9007, -12.0803,
8.4838)

Have a look what the booklet for
HunterLab(14.9007, -12.0803,
8.4838) contains.

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Color

**HunterLab(14.9372,
-12.1550, 8.5355)**

Conversions

Conversions Part 1

Format	Color
Hex	043104
RGB	4, 49, 4
RGB Percent	2%, 19%, 2%
CMY	0.9843, 0.8078, 0.9843
CMYK	0.92, 0.00, 0.92, 0.81
HSL	120°, 85%, 10%
HSV	120°, 92%, 19%
XYZ	1.1703, 2.2312, 0.4839
YIQ	30.4150, -12.3750, -23.5350

Conversions

Conversions Part 2

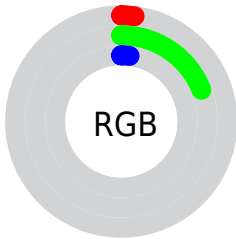
Format	Color
R_{YB}	4, 49, 49
Decimal	274692
CIE _{Lab}	16.66, -25.30, 21.80
CIE _{LCh}	17, 33.398, 139.257
Yxy	2.2313, 0.3012, 0.5743
Android (android.graphics.Color)	4278464772 (0xFF043104)
YUV	30.4150, -13.0226, -23.1660
Hunter-Lab	14.9372, -12.1550, 8.5355

Details

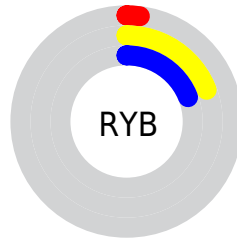
The HunterLab color **14.9372, -12.1550, 8.5355** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.8060, 16.7785, -11.2327**, and the grayscale version is **11.5656, -0.6171, 0.6284**.

A 20% lighter version of the original color is **30.5825, -17.1757, 12.6939**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.8213, -12.7092, 8.9102**, and if you desaturate by 10%, it is **15.0786, -11.4892, 8.0852**.

Distribution



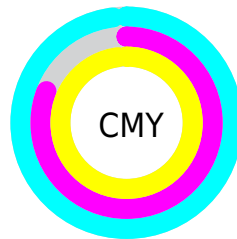
- Red (2%)
- Green (19%)
- Blue (2%)



- Red (2%)
- Yellow (19%)
- Blue (19%)



- Cyan (92%)
- Magenta (0%)
- Yellow (92%)
- Black (81%)



- Cyan (98%)
- Magenta (81%)
- Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9372, -12.1550, 8.5355 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 14.9372, -12.1550, 8.5355 by changing the saturation by 10% instead.

■ 14.9372, -12.1550,
8.5355

■ 14.9372, -12.1550,
8.5355

■ 108.7306,
-31.0468, 25.4631

■ 8.5847, -13.3023,
6.0093

■ 30.5842, -17.1252,
12.7449

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.6979, -19.3328,
14.7543

0.0000, NaN, NaN

■ 49.5712, -21.4305,
16.6653

0.0000, NaN, NaN

■ 60.1496, -23.4482,
18.5055

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3889, -25.4061,
20.2937

0.0000, NaN, NaN

■ 83.2523, -27.3187,

0.0000, NaN, NaN

22.0433

■ 95.7085, -29.1963,
23.7640

■ 14.9372, -12.1550,
8.5355

■ 14.9372, -12.1550,
8.5355

■ 14.8213, -12.7092,
8.9102

■ 15.0786, -11.4892,
8.0852

■ 15.2304, -10.7808,
7.6062

■ 15.4213, -9.9014,
7.0116

■ 15.6536, -8.8480,
6.2994

■ 15.9279, -7.6264,
5.4736

■ 16.2443, -6.2458,
4.5405

■ 16.6025, -4.7178,
3.5079

■ 17.0016, -3.0559,
2.3849

■ 17.4407, -1.2742,
1.1812

Harmonies

Analogous

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



14.9375, -6.2937, 10.4563



14.9372, -12.1550, 8.5355



14.9375, -14.7102, 3.6711

Triad

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



14.9375, -12.1552, 8.5356



14.9375, -4.0138, -27.7791



14.9375, 20.3307, 5.4376

Complementary

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



14.9372, -12.1550, 8.5355



9.8060, 16.7785, -11.2327

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.



14.9375, 21.3769, -2.7522



14.9372, -12.1550, 8.5355



14.9375, 5.6292, -26.1510

Square

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



14.9375, -12.1552, 8.5356



14.9375, -10.8420, -18.9058



14.9375, 15.4731, -15.2817



14.9375, 12.8926, 9.5085

Rectangle

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



14.9372, -12.1550, 8.5355



14.9375, -14.7579, -2.2191



14.9375, 15.4731, -15.2817



14.9375, 21.5005, 3.3185

Sweetspot

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



14.9375, -12.1552, 8.5356



21.0087, -7.5991, 5.5468



16.9070, -4.3865, 9.9384



11.5010, -4.2974, 3.1299



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.



14.9375, -12.1552, 8.5356



19.0753, -16.3570, 11.4676



15.1637, -10.7563, 5.2186



9.7983, -1.3929, 1.1241



26.8075, -22.9874, 16.1161



70.3541, -60.3286, 42.2956

Inverse Universe

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



9.8060, 16.7785, -11.2327



12.0372, 23.6654, -15.8756



9.0370, 13.8567, -0.7948



9.4671, 0.3954, -0.0980



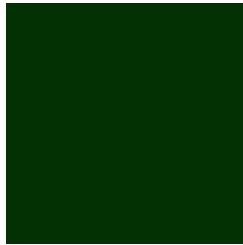
16.9165, 33.2583, -22.3107



44.3959, 87.2834, -58.5523

Previews

White Background



This preview shows how the HunterLab color 14.9372, -12.1550, 8.5355 looks on a white background.

Color Contrast Check

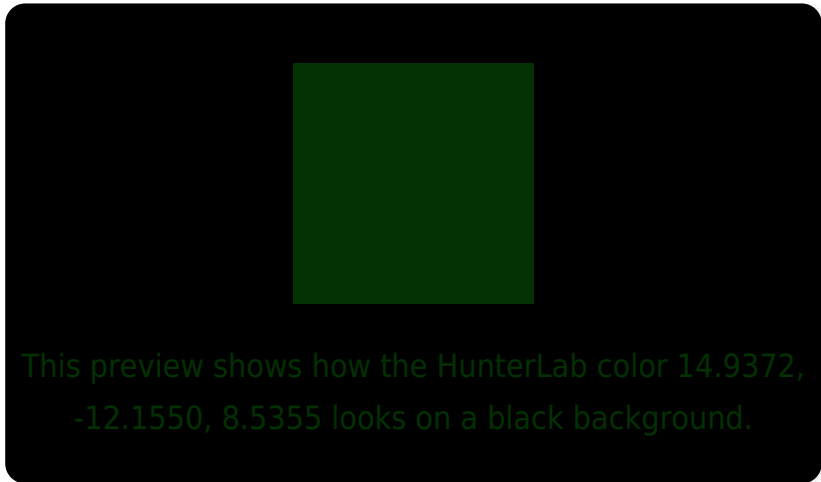
Large Text (above 18pt) WCAG AA ✓ Pass

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

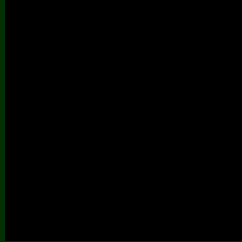
Any Text WCAG AA × Fail

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 14.9372, -12.1550, 8.5355 Background



This preview shows how black text looks on a background with the HunterLab color 14.9372, -12.1550, 8.5355.



This preview shows how white text looks on a background with the HunterLab color 14.9372,

-12.1550, 8.5355.

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

14.9372, -12.1550, 8.5355

Protanopia

15.0342, -2.5609, 9.2192

Deuteranopia

15.1612, 0.3984, 8.1111



Tritanopia

15.2813, -5.2418, -1.9495

Trichromacy



Original Color

14.9372, -12.1550, 8.5355

Protanomaly

14.7318, -7.4975, 8.8309

Deuteranomaly

14.5004, -5.6693, 7.8965

Tritanomaly

14.9813, -8.4876, 3.3885

Monochromacy



Original Color

14.9372, -12.1550, 8.5355

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

12.3964, -5.7654, 4.1444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9372, -12.1550, 8.5355 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(4, 49, 4)` looks like.

```
.text, #text, p{  
    color:rgb(4, 49, 4)  
}
```

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(4, 49, 4) colored shadow looks like.

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

Border

The CSS property to change the border of an element to HunterLab 14.9372, -12.1550, 8.5355 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(4, 49, 4) }
```


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

```
.border{ border-color:rgb(4, 49, 4) }
```

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

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

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

Background

The CSS property to change the background color of an element to HunterLab 14.9372, -12.1550, 8.5355 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 49, 4) }
```

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

```
.background{ background-color: rgb(4, 49,  
4) }
```

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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