

Converting Colors

HunterLab(14.5303, -13.0684,
6.3984)

Have a look what the booklet for
HunterLab(14.5303, -13.0684,
6.3984) contains.

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Color

**HunterLab(14.9676,
-11.7931, 6.7497)**

Conversions

Conversions Part 1

Format	Color
Hex	003112
RGB	0, 49, 18
RGB Percent	0%, 19%, 7%
CMY	1.0000, 0.8078, 0.9294
CMYK	1.00, 0.00, 0.63, 0.81
HSL	142°, 100%, 10%
HSV	142°, 100%, 19%
XYZ	1.2075, 2.2403, 0.9410
YIQ	30.8150, -19.2530, -20.0290

Conversions

Conversions Part 2

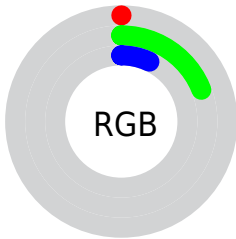
Format	Color
RYB	0, 36, 49
Decimal	12562
CIELab	16.70, -24.28, 15.33
CIElCh	17, 28.721, 147.729
Yxy	2.2404, 0.2751, 0.5105
Android (android.graphics.Color)	4278202642 (0xFF003112)
YUV	30.8150, -6.3178, -27.0248
Hunter-Lab	14.9676, -11.7931, 6.7497

Details

The HunterLab color **14.9676, -11.7931, 6.7497** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.6714, 15.9907, -3.2407**, and the grayscale version is **11.6715, -0.6228, 0.6341**.

A 20% lighter version of the original color is **30.6280, -16.6463, 10.0351**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.9679, -11.7933, 6.7498**, and if you desaturate by 10%, it is **15.1091, -11.1300, 6.3120**.

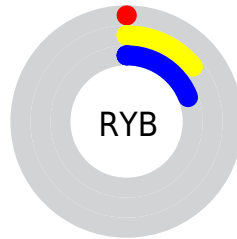
Distribution



Red (0%)

Green (19%)

Blue (7%)



Red (0%)

Yellow (14%)

Blue (19%)

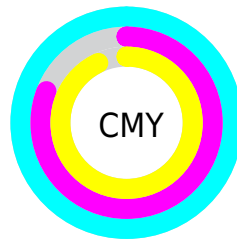


Cyan (100%)

Magenta (0%)

Yellow (63%)

Black (81%)



Cyan (100%)

Magenta (81%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9676, -11.7931, 6.7497 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 14.9676, -11.7931, 6.7497 by changing the saturation by 10% instead.

■ 14.9676, -11.7931,
6.7497

■ 14.9676, -11.7931,
6.7497

■ 108.7895,
-30.0853, 20.1137

■ 8.6132, -12.7456,
6.0293

■ 30.6228, -16.5801,
10.0817

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.7400, -18.7129,
11.6051

0.0000, NaN, NaN

■ 49.6165, -20.7429,
13.0770

0.0000, NaN, NaN

■ 60.1979, -22.6984,
14.5149

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.4401, -24.5986,
15.9304


0.0000, NaN, NaN


■ 83.3062, -26.4570,


0.0000, NaN, NaN


17.3318


 95.7649, -28.2834,
18.7248


 14.9676, -11.7931,
6.7497


 14.9676, -11.7931,
6.7497


 14.9679, -11.7933,
6.7498

 15.1091, -11.1300,
6.3120

 15.2536, -10.4514,
5.8147

 15.4152, -9.7020,
5.2703

 15.6111, -8.8158,
4.6976

 15.8421, -7.7956,
4.1017

■ 16.1086, -6.6469,
3.4879

■ 16.4107, -5.3771,
2.8612

■ 16.7479, -3.9951,
2.2267

■ 17.1199, -2.5109,
1.5889

Harmonies

Analogous

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



14.9679, -7.3590, 9.5434



14.9676, -11.7931, 6.7497



14.9679, -13.3666, 1.3882

Triad

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



14.9679, -11.7933, 6.7498



14.9679, -1.4096, -22.7249



14.9679, 15.5681, 6.1857

Complementary

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



14.9676, -11.7931, 6.7497



8.6714, 15.9907, -3.2407

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.



14.9679, 18.0837, 0.2177



14.9676, -11.7931, 6.7497



14.9679, 7.1297, -19.0355

Square

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



14.9679, -11.7933, 6.7498



14.9679, -8.2186, -17.8208



14.9679, 14.7169, -9.4083



14.9679, 8.4231, 9.2282

Rectangle

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



14.9676, -11.7931, 6.7497



14.9679, -12.9013, -4.4155



14.9679, 14.7169, -9.4083



14.9679, 17.0417, 4.6499

Sweetspot

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



14.9679, -11.7933, 6.7498



21.0544, -7.1968, 3.8147



15.7751, -8.7726, 9.5669



11.5354, -4.0337, 2.1341



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.



14.9679, -11.7933, 6.7498



19.2411, -15.3201, 9.0220



15.3858, -9.2364, 0.7078



9.8177, -1.2848, 0.8457



27.0093, -21.7250, 13.1387



70.7605, -57.7832, 36.2928

Inverse Universe

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



8.6714, 15.9907, -3.2407



11.1225, 20.4453, -3.6481



8.1690, 14.1646, 3.9199



9.4457, 0.2801, 0.2062



15.5767, 28.5378, -4.3708



40.6488, 74.0645, -8.2465

Previews

White Background



This preview shows how the HunterLab color 14.9676, -11.7931, 6.7497 looks on a white background.

Color Contrast Check

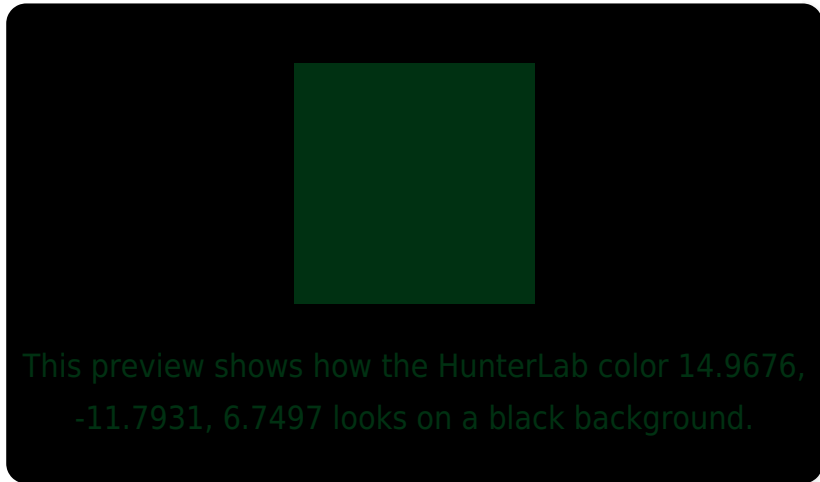
Large Text (above 18pt) WCAG AA ✓ Pass

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 14.9676, -11.7931, 6.7497 Background



This preview shows how black text looks on a background with the HunterLab color 14.9676, -11.7931, 6.7497.



This preview shows how white text looks on a background with the HunterLab color 14.9676,

-11.7931, 6.7497.

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

14.9676, -11.7931, 6.7497

Protanopia

15.1581, -1.8705, 7.3902

Deuteranopia

15.1717, 0.6314, 6.5872



Tritanopia

15.2742, -5.2127, -2.3929

Trichromacy



Original Color

14.9676, -11.7931, 6.7497

Protanomaly

14.8097, -6.9337, 6.8812

Deuteranomaly

14.4969, -5.4552, 6.1307

Tritanomaly

15.0284, -8.0993, 1.8843

Monochromacy



Original Color

14.9676, -11.7931, 6.7497

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.6867, -5.7674, 3.1493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.9676, -11.7931, 6.7497 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, 18)` looks like.

```
.text, #text, p{  
    color:rgb(0, 49, 18)  
}
```

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, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 49, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 14.9676, -11.7931, 6.7497 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, 18) }
```


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

```
.border{ border-color:rgb(0, 49, 18) }
```

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, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 49, 18); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 49, 18); box-shadow:4px  
4px 4px 4px rgb(0, 49, 18) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.9676, -11.7931, 6.7497 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, 18) }
```

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

```
.background{ background-color: rgb(0, 49,  
18) }
```

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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