

Converting Colors

HunterLab(14.3121, -11.8900,
7.7782)

Have a look what the booklet for
HunterLab(14.3121, -11.8900,
7.7782) contains.

HunterLab(14.3121, -11.8900, 7.7782)	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(14.3121,
-11.8900, 7.7782)**

Conversions

Conversions Part 1

Format	Color
Hex	002F07
RGB	0, 47, 7
RGB Percent	0%, 18%, 3%
CMY	1.0000, 0.8157, 0.9725
CMYK	1.00, 0.00, 0.85, 0.82
HSL	129°, 100%, 9%
HSV	129°, 100%, 18%
XYZ	1.0549, 2.0484, 0.5408
YIQ	28.3870, -15.1720, -22.4040

Conversions

Conversions Part 2

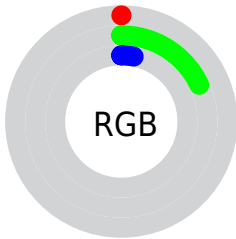
Format	Color
RYB	0, 41, 47
Decimal	12039
CIELab	15.74, -25.28, 19.40
CIELCh	16, 31.864, 142.492
Yxy	2.0484, 0.2895, 0.5621
Android (android.graphics.Color)	4278202119 (0xFF002F07)
YUV	28.3870, -10.5438, -24.8954
Hunter-Lab	14.3121, -11.8900, 7.7782

Details

The HunterLab color **14.3121, -11.8900, 7.7782** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.7038, 16.6656, -8.0199**, and the grayscale version is **10.9303, -0.5832, 0.5939**.

A 20% lighter version of the original color is **29.8434, -17.0017, 11.6373**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **14.3124, -11.8902, 7.7783**, and if you desaturate by 10%, it is **14.4485, -11.2531, 7.4068**.

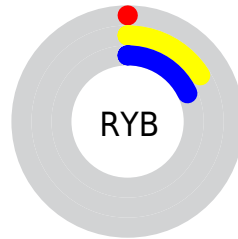
Distribution



Red (0%)

Green (18%)

Blue (3%)



Red (0%)

Yellow (16%)

Blue (18%)

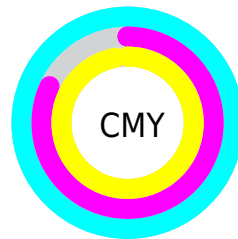


Cyan (100%)

Magenta (0%)

Yellow (85%)

Black (82%)



Cyan (100%)

Magenta (82%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.3121, -11.8900, 7.7782 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 14.3121, -11.8900, 7.7782 by changing the saturation by 10% instead.

■ 14.3121, -11.8900,
7.7782

■ 14.3121, -11.8900,
7.7782

■ 107.5128,
-30.8527, 23.3744

■ 7.9712, -13.9495,
5.5798

■ 29.7883, -16.9014,
11.6376

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 38.8291, -19.1192,
13.4734

0.0000, NaN, NaN

■ 48.6351, -21.2237,
15.2256

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 59.1508, -23.2461,
16.9190

0.0000, NaN, NaN

■ 70.3311, -25.2074,
18.5703

0.0000, NaN, NaN

■ 82.1386, -27.1222,

0.0000, NaN, NaN

20.1913

■ 94.5416, -29.0013,
21.7906

■ 14.3121, -11.8900,
7.7782

■ 14.3121, -11.8900,
7.7782

■ 14.3124, -11.8902,
7.7783

■ 14.4485, -11.2531,
7.4068

■ 14.5885, -10.5970,
6.9670

■ 14.7455, -9.8646,
6.4360

■ 14.9379, -8.9832,
5.8298

■ 15.1670, -7.9552,
5.1529

■ 15.4329, -6.7867,
4.4104

■ 15.7358, -5.4862,
3.6087

■ 16.0752, -4.0639,
2.7545

■ 16.4503, -2.5311,
1.8546

Harmonies

Analogous

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



14.3124, -6.6941, 10.0187



14.3121, -11.8900, 7.7782



14.3124, -14.0006, 2.7316

Triad

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



14.3124, -11.8902, 7.7783



14.3124, -2.9146, -26.2381



14.3124, 18.5274, 5.6803

Complementary

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



14.3121, -11.8900, 7.7782



8.7038, 16.6656, -8.0199

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.



14.3124, 20.2404, -1.4944



14.3121, -11.8900, 7.7782



14.3124, 6.3219, -23.5949

Square

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



14.3124, -11.8902, 7.7783



14.3124, -9.6993, -18.8491



14.3124, 15.3349, -12.9441



14.3124, 11.1005, 9.4800

Rectangle

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



14.3121, -11.8900, 7.7782



14.3124, -13.8483, -3.1703



14.3124, 15.3349, -12.9441



14.3124, 19.8533, 3.8490

Sweetspot

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



14.3124, -11.8902, 7.7783



20.1567, -7.3455, 4.8176



15.8085, -5.9803, 9.6364



10.7638, -3.9587, 2.5948



58.5142, -3.1222, 3.1792



11.5809, -0.6179, 0.6292

Same Dimension

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



14.3124, -11.8902, 7.7783



18.3817, -15.3743, 10.2132



14.5796, -10.2358, 3.8728



9.0588, -1.2178, 0.9183



26.0706, -21.9606, 14.8208



69.4969, -59.0605, 40.6297

Inverse Universe

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



8.7038, 16.6656, -8.0199



11.1676, 21.3517, -10.0459



8.0347, 14.2725, 1.2164



8.7499, 0.2903, 0.0425



15.8220, 30.2022, -13.8576



42.0902, 80.1337, -35.2273

Previews

White Background



This preview shows how the HunterLab color 14.3121, -11.8900, 7.7782 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

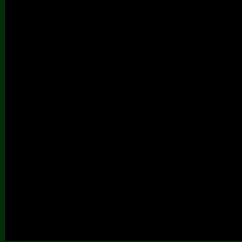
Any Text WCAG AA × Fail

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 14.3121, -11.8900, 7.7782 Background



This preview shows how black text looks on a background with the HunterLab color 14.3121, -11.8900, 7.7782.



This preview shows how white text looks on a background with the HunterLab color 14.3121,

-11.8900, 7.7782.

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

14.3121, -11.8900, 7.7782

Protanopia

14.4445, -2.1891, 8.2729

Deuteranopia

14.4599, 0.3084, 7.4893



Tritanopia

14.6810, -4.9947, -1.9020

Trichromacy



Original Color

14.3121, -11.8900, 7.7782

Protanomaly

14.1496, -7.0571, 7.8734

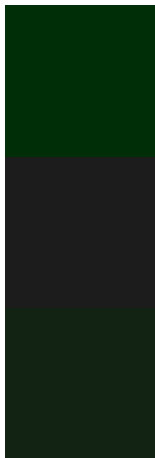
Deuteranomaly

13.8379, -5.5975, 7.1985

Tritanomaly

14.3758, -8.2078, 3.0787

Monochromacy



Original Color

14.3121, -11.8900, 7.7782

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.7523, -5.7311, 3.8025

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 14.3121, -11.8900, 7.7782 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, 47, 7)` looks like.

```
.text, #text, p{  
    color:rgb(0, 47, 7)  
}
```

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, 47, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 47, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 14.3121, -11.8900, 7.7782 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, 47, 7) }
```


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

```
.border{ border-color:rgb(0, 47, 7) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 47, 7)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 47, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 47, 7); box-shadow:4px  
4px 4px 4px rgb(0, 47, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 14.3121, -11.8900, 7.7782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 47, 7) }
```

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

```
.background{ background-color: rgb(0, 47,  
7) }
```

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