

Converting Colors

HunterLab(18.6093, -14.5189,
11.2128)

Have a look what the booklet for
HunterLab(18.6093, -14.5189,
11.2128) contains.

HunterLab(18.5447, -14.4946, 11.1734)	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(18.5447,
-14.4946, 11.1734)**

Conversions

Conversions Part 1

Format	Color
Hex	0F3D00
RGB	15, 61, 0
RGB Percent	6%, 24%, 0%
CMY	0.9412, 0.7608, 1.0000
CMYK	0.75, 0.00, 1.00, 0.76
HSL	105°, 100%, 12%
HSV	105°, 100%, 24%
XYZ	1.8658, 3.4391, 0.5655
YIQ	40.2920, -7.8350, -28.7230

Conversions

Conversions Part 2

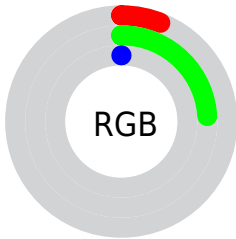
Format	Color
RYB	0, 61, 46
Decimal	998656
CIELab	21.72, -27.72, 29.36
CIELCh	22, 40.382, 133.350
Yxy	3.4392, 0.3178, 0.5858
Android (android.graphics.Color)	4279188736 (0xFF0F3D00)
YUV	40.2920, -19.8640, -22.1811
Hunter-Lab	18.5447, -14.4946, 11.1734

Details

The HunterLab color **18.5447, -14.4946, 11.1734** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.5807, 19.9228, -21.0704**, and the grayscale version is **14.7258, -0.7857, 0.8001**.

A 20% lighter version of the original color is **35.0350, -19.6241, 16.5126**, and **5.1278, -4.3971, 3.0828** is the 20% darker color. If you saturate the color by 10%, you get **18.5450, -14.4951, 11.1736**, and if you desaturate by 10%, it is **18.6965, -13.7897, 10.7236**.

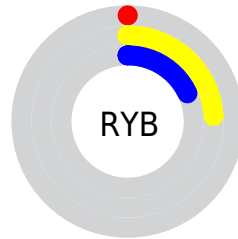
Distribution



Red (6%)

Green (24%)

Blue (0%)



Red (0%)

Yellow (24%)

Blue (18%)

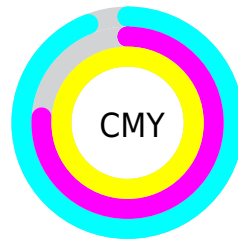


Cyan (75%)

Magenta (0%)

Yellow (100%)

Black (76%)



Cyan (94%)

Magenta (76%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 18.5447, -14.4946, 11.1734 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 18.5447, -14.4946, 11.1734 by changing the saturation by 10% instead.

■ 18.5447, -14.4946,
11.1734

■ 18.5447, -14.4946,
11.1734

■ 115.5363,
-34.3149, 32.3248

■ 11.6838, -11.9390,
8.1786

■ 35.1027, -19.6452,
16.6332

■ 4.3679, -7.6439,
3.0576

■ 44.6088, -21.9610,
19.1492

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 54.8454, -24.1690,
21.5334

0.0000, NaN, NaN

■ 65.7637, -26.2966,
23.8174

0.0000, NaN, NaN

■ 77.3234, -28.3629,
26.0239


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 89.4907, -30.3816,


28.1694


0.0000, NaN, NaN


 102.2368,
-32.3630, 30.2665


 18.5447, -14.4946,
11.1734


 18.5447, -14.4946,
11.1734


 18.5450, -14.4951,
11.1736

 18.6965, -13.7897,
10.7236

 18.8715, -12.9925,
10.2878

 19.0804, -12.0463,
9.7276

 19.3268, -10.9353,
8.9988

 19.6114, -9.6628,
8.0993

■ 19.9343, -8.2349,
7.0302

■ 20.2954, -6.6597,
5.7958

■ 20.6944, -4.9469,
4.4024

■ 21.1304, -3.1073,
2.8584

Harmonies

Analogous

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



18.5451, -6.0988, 12.9816



18.5447, -14.4946, 11.1734



18.5451, -18.5296, 6.3296

Triad

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



18.5451, -14.4949, 11.1735



18.5451, -7.2406, -35.5841



18.5451, 27.7734, 5.4556

Complementary

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



18.5447, -14.4946, 11.1734



9.5807, 19.9228, -21.0704

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.



18.5451, 27.2364, -6.5840



18.5447, -14.4946, 11.1734



18.5451, 4.7386, -36.4343

Square

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



18.5451, -14.4949, 11.1735



18.5451, -15.1437, -21.7494



18.5451, 18.0006, -23.6293



18.5451, 19.3197, 10.8059

Rectangle

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



18.5447, -14.4946, 11.1734



18.5451, -19.0699, -0.3415



18.5451, 18.0006, -23.6293



18.5451, 28.6929, 2.2659

Sweetspot

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



18.5451, -14.4949, 11.1735



26.2214, -8.9100, 7.7333



17.1079, 0.2346, 10.5457



13.8529, -4.9000, 4.2395



62.6995, -3.3455, 3.4066



14.8260, -0.7911, 0.8055

Same Dimension

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



18.5451, -14.4949, 11.1735



23.9626, -19.0155, 14.4327



18.3654, -15.0636, 9.5634



11.3661, -1.5058, 1.3960



28.7268, -22.9826, 17.2990



72.7753, -59.5814, 43.8007

Inverse Universe

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



9.5807, 19.9228, -21.0704



12.3041, 25.6649, -27.6597



10.8972, 20.4530, -6.8512



10.8601, 0.3484, -0.2292



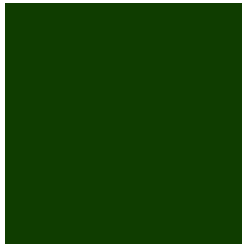
14.6962, 30.7095, -33.4623



36.7619, 77.2798, -87.2815

Previews

White Background



This preview shows how the HunterLab color 18.5447, -14.4946, 11.1734 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

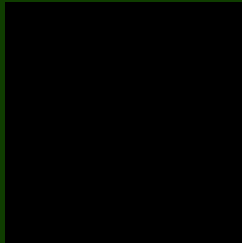
Any Text WCAG AA × Fail

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 18.5447, -14.4946, 11.1734 Background



This preview shows how black text looks on a background with the HunterLab color 18.5447, -14.4946, 11.1734.



This preview shows how white text looks on a background with the HunterLab color 18.5447, -14.4946, 11.1734.

-14.4946, 11.1734.

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

18.5447, -14.4946, 11.1734

Protanopia

18.6441, -3.1702, 11.4329

Deuteranopia

18.6239, 0.5704, 10.2738



Tritanopia

18.7734, -6.1152, -2.4821

Trichromacy



Original Color

18.5447, -14.4946, 11.1734

Protanomaly

18.2810, -8.4556, 11.1166

Deuteranomaly

18.0560, -6.5345, 10.2573

Tritanomaly

18.3488, -10.1641, 4.9262

Monochromacy



Original Color

18.5447, -14.4946, 11.1734

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

15.7334, -7.1403, 6.1040

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 18.5447, -14.4946, 11.1734 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(15, 61, 0)` looks like.

```
.text, #text, p{  
    color:rgb(15, 61, 0)  
}
```

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(15, 61, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(15, 61, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 18.5447, -14.4946, 11.1734 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(15, 61, 0) }
```


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

```
.border{ border-color:rgb(15, 61, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(15, 61, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(15, 61, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(15, 61, 0); box-shadow:4px  
4px 4px 4px rgb(15, 61, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 18.5447, -14.4946, 11.1734 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(15, 61, 0) }
```

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

```
.background{ background-color: rgb(15, 61,  
0) }
```

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