

Converting Colors

HunterLab(15.0067, -11.8761,
9.0391)

Have a look what the booklet for
HunterLab(15.0067, -11.8761,
9.0391) contains.

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Color

**HunterLab(15.0157,
-11.8819, 9.0446)**

Conversions

Conversions Part 1

Format	Color
Hex	093100
RGB	9, 49, 0
RGB Percent	4%, 19%, 0%
CMY	0.9647, 0.8078, 1.0000
CMYK	0.82, 0.00, 1.00, 0.81
HSL	109°, 100%, 10%
HSV	109°, 100%, 19%
XYZ	1.2110, 2.2547, 0.3714
YIQ	31.4540, -8.1110, -23.7190

Conversions

Conversions Part 2

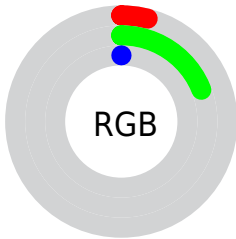
Format	Color
RYB	0, 49, 40
Decimal	602368
CIELab	16.77, -24.47, 23.60
CIELCh	17, 34.001, 136.037
Yxy	2.2548, 0.3156, 0.5876
Android (android.graphics.Color)	4278792448 (0xFF093100)
YUV	31.4540, -15.5068, -19.6922
Hunter-Lab	15.0157, -11.8819, 9.0446

Details

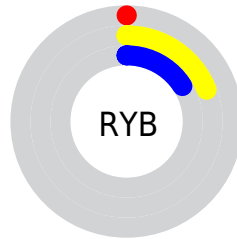
The HunterLab color **15.0157, -11.8819, 9.0446** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **8.2033, 16.7509, -15.6542**, and the grayscale version is **11.8964, -0.6348, 0.6464**.

A 20% lighter version of the original color is **30.7259, -16.6871, 13.4516**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.0160, -11.8823, 9.0448**, and if you desaturate by 10%, it is **15.1428, -11.2794, 8.5824**.

Distribution



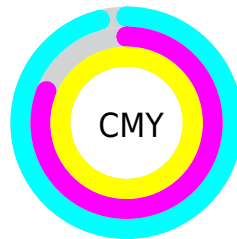
- Red (4%)
- Green (19%)
- Blue (0%)



- Red (0%)
- Yellow (19%)
- Blue (16%)



- Cyan (82%)
- Magenta (0%)
- Yellow (100%)
- Black (81%)



- Cyan (96%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.0157, -11.8819, 9.0446 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 15.0157, -11.8819, 9.0446 by changing the saturation by 10% instead.

■ 15.0157, -11.8819,
9.0446

■ 15.0157, -11.8819,
9.0446

■ 108.8826,
-30.2786, 26.9163

■ 8.6581, -12.7798,
6.0607

■ 30.6839, -16.6993,
13.4330

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 39.8066, -18.8450,
15.5800

0.0000, NaN, NaN

■ 49.6883, -20.8869,
17.6159

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.2744, -22.8534,
19.5708

0.0000, NaN, NaN


■ 71.5211, -24.7640,
21.4654


0.0000, NaN, NaN


■ 83.3914, -26.6321,


0.0000, NaN, NaN


23.3144


 95.8542, -28.4678,
25.1286


 15.0157, -11.8819,
9.0446


 15.0157, -11.8819,
9.0446


 15.0160, -11.8823,
9.0448

 15.1428, -11.2794,
8.5824

 15.2885, -10.6049,
8.1435

 15.4590, -9.8285,
7.6629

 15.6605, -8.9177,
7.0580

 15.8934, -7.8758,
6.3288

■ 16.1579, -6.7081,
5.4775

■ 16.4539, -5.4215,
4.5080

■ 16.7810, -4.0244,
3.4259

■ 17.1385, -2.5257,
2.2381

Harmonies

Analogous

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



15.0160, -5.5539, 10.5112



15.0157, -11.8819, 9.0446



15.0160, -14.8096, 4.4566

Triad

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



15.0160, -11.8821, 9.0447



15.0160, -4.9882, -28.0148



15.0160, 21.2846, 4.8929

Complementary

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



15.0157, -11.8819, 9.0446



8.2033, 16.7509, -15.6542

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.



15.0160, 21.5465, -4.0481



15.0157, -11.8819, 9.0446



15.0160, 4.6258, -27.6048

Square

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



15.0160, -11.8821, 9.0447



15.0160, -11.5578, -18.0233



15.0160, 14.8667, -17.1129



15.0160, 14.2217, 9.2850

Rectangle

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



15.0157, -11.8819, 9.0446



15.0160, -15.0670, -1.1422



15.0160, 14.8667, -17.1129



15.0160, 22.2215, 2.5439

Sweetspot

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



15.0160, -11.8821, 9.0447



21.1115, -7.2576, 6.0154



14.5509, -0.9439, 8.9495



11.5673, -4.0681, 3.3659



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.



15.0160, -11.8821, 9.0447



19.2736, -15.5127, 11.6048



14.9344, -12.0019, 7.2422



9.8267, -1.2919, 1.1575



27.0186, -22.0876, 16.2621



70.6712, -58.9740, 42.5148

Inverse Universe

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



8.2033, 16.7509, -15.6542



10.4809, 21.4535, -20.3945



8.7765, 16.3650, -4.6838



9.4353, 0.2877, -0.1396



14.6165, 29.9945, -29.0294



37.8644, 78.0399, -77.8266

Previews

White Background



This preview shows how the HunterLab color 15.0157, -11.8819, 9.0446 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

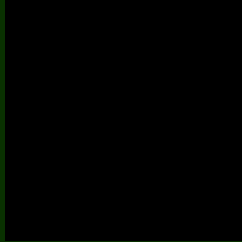
Any Text WCAG AA × Fail

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 15.0157, -11.8819, 9.0446 Background



This preview shows how black text looks on a background with the HunterLab color 15.0157, -11.8819, 9.0446.



This preview shows how white text looks on a background with the HunterLab color 15.0157,

-11.8819, 9.0446.

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

15.0157, -11.8819, 9.0446

Protanopia

15.0342, -2.5609, 9.2192

Deuteranopia

15.1612, 0.3984, 8.1111



Tritanopia

15.3177, -5.1048, -1.8979

Trichromacy



Original Color

15.0157, -11.8819, 9.0446

Protanomaly

14.8328, -7.1168, 9.0153

Deuteranomaly

14.6165, -5.2432, 8.0994

Tritanomaly

15.0038, -8.4705, 3.9743

Monochromacy



Original Color

15.0157, -11.8819, 9.0446

Achromatopsia

11.7056, -0.6246, 0.6360

Achromatomaly

12.7236, -5.8139, 4.6544

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.0157, -11.8819, 9.0446 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(9, 49, 0)` looks like.

```
.text, #text, p{  
    color:rgb(9, 49, 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(9, 49, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 49, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 15.0157, -11.8819, 9.0446 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(9, 49, 0) }
```


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

```
.border{ border-color:rgb(9, 49, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 49, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 49, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(9, 49, 0); box-shadow:4px  
4px 4px 4px rgb(9, 49, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.0157, -11.8819, 9.0446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 49, 0) }
```

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

```
.background{ background-color: rgb(9, 49,  
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](#).

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