

Converting Colors

HunterLab(15.9071, -10.8563,
9.4746)

Have a look what the booklet for
HunterLab(15.9071, -10.8563,
9.4746) contains.

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Color

**HunterLab(15.9387,
-10.8679, 9.5243)**

Conversions

Conversions Part 1	
Format	Color
Hex	163301
RGB	22, 51, 1
RGB Percent	9%, 20%, 0%
CMY	0.9137, 0.8000, 0.9961
CMYK	0.57, 0.00, 0.98, 0.80
HSL	95°, 96%, 10%
HSV	95°, 98%, 20%
XYZ	1.5202, 2.5404, 0.4389
YIQ	36.6290, -1.2340, -21.6980

Conversions

Conversions Part 2

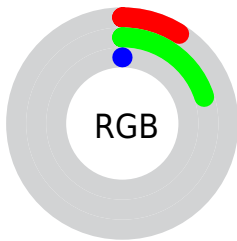
Format	Color
RYB	1, 51, 30
Decimal	1454849
CIELab	18.10, -21.01, 24.93
CIELCh	18, 32.601, 130.122
Yxy	2.5405, 0.3378, 0.5646
Android (android.graphics.Color)	4279644929 (0xFF163301)
YUV	36.6290, -17.5651, -12.8296
Hunter-Lab	15.9387, -10.8679, 9.5243

Details

The HunterLab color **15.9387, -10.8679, 9.5243** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **7.3267, 15.0473, -20.5678**, and the grayscale version is **13.5379, -0.7223, 0.7355**.

A 20% lighter version of the original color is **31.9025, -15.0682, 14.1975**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.9117, -10.9945, 9.6122**, and if you desaturate by 10%, it is **16.0850, -10.2024, 9.0871**.

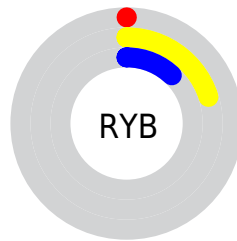
Distribution



Red (9%)

Green (20%)

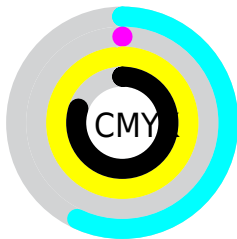
Blue (0%)



Red (0%)

Yellow (20%)

Blue (12%)

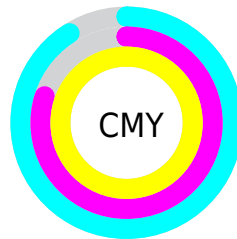


Cyan (57%)

Magenta (0%)

Yellow (98%)

Black (80%)



Cyan (91%)


Magenta (80%)


Yellow (100%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 15.9387, -10.8679, 9.5243 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 15.9387, -10.8679, 9.5243 by changing the saturation by 10% instead.

 15.9387, -10.8679,
9.5243

 15.9387, -10.8679,
9.5243


 110.6561,
-27.1728, 28.1962

 9.4703, -10.1731,
6.6292


 31.8508, -15.0298,
14.2063

0.0000, NaN, NaN

0.0000, NaN, NaN


 41.0780, -16.9133,
16.4377

0.0000, NaN, NaN


 51.0562, -18.7199,
18.5534

0.0000, NaN, NaN

0.0000, NaN, NaN

 61.7325, -20.4717,
20.5838

0.0000, NaN, NaN


 73.0641, -22.1836,
22.5500


0.0000, NaN, NaN


 85.0149, -23.8662,


0.0000, NaN, NaN


24.4671


 97.5544, -25.5274,
26.3463


 15.9387, -10.8679,
9.5243


 15.9387, -10.8679,
9.5243


 15.9117, -10.9945,
9.6122

 16.0850, -10.2024,
9.0871

 16.2422, -9.4985,
8.6639

 16.4178, -8.7154,
8.1507

 16.6152, -7.8354,
7.4992

 16.8347, -6.8606,
6.7070

■ 17.0763, -5.7937,
5.7743

■ 17.3400, -4.6387,
4.7026

■ 17.6256, -3.4001,
3.4951

■ 17.9328, -2.0829,
2.1563

Harmonies

Analogous

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



15.9390, -3.8918, 11.1573



15.9387, -10.8679, 9.5243



15.9390, -14.4886, 5.6593

Triad

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



15.9390, -10.8682, 9.5244



15.9390, -6.5197, -25.0819



15.9390, 21.0112, 3.5921

Complementary

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



15.9387, -10.8679, 9.5243



7.3267, 15.0473, -20.5678

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.



15.9390, 19.8449, -6.1188



15.9387, -10.8679, 9.5243



15.9390, 2.4357, -26.8542

Square

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



15.9390, -10.8682, 9.5244



15.9390, -12.4089, -14.5734



15.9390, 12.4801, -18.5553



15.9390, 15.3734, 8.5047

Rectangle

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



15.9387, -10.8679, 9.5243



15.9390, -15.1489, 0.8312



15.9390, 12.4801, -18.5553



15.9390, 21.4280, 0.9039

Sweetspot

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



15.9390, -10.8682, 9.5244



22.2572, -6.3570, 6.4189



12.6540, 3.5060, 7.7241



11.7365, -3.4235, 3.4520



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.



15.9390, -10.8682, 9.5244



20.4359, -14.4465, 12.3396



15.4393, -12.9120, 8.8096



9.8638, -1.1601, 1.2010



27.5477, -19.8688, 16.6269



71.9185, -53.7164, 43.3754

Inverse Universe

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



7.3267, 15.0473, -20.5678



9.0425, 19.8747, -28.1804



9.6759, 18.1703, -10.6348



9.3950, 0.1507, -0.1923



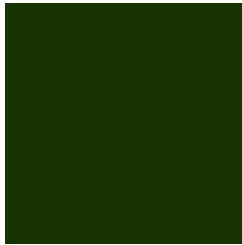
12.0389, 26.6430, -38.9325



30.6774, 68.8236, -106.4355

Previews

White Background



This preview shows how the HunterLab color 15.9387, -10.8679, 9.5243 looks on a white background.

Color Contrast Check

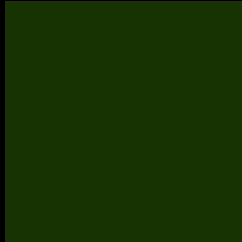
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 15.9387, -10.8679, 9.5243 looks on a 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 15.9387, -10.8679, 9.5243 Background



This preview shows how black text looks on a background with the HunterLab color 15.9387, -10.8679, 9.5243.



This preview shows how white text looks on a background with the HunterLab color 15.9387, -10.8679, 9.5243.

-10.8679, 9.5243.

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

15.9387, -10.8679, 9.5243

Protanopia

15.9840, -2.8031, 9.8002

Deuteranopia

15.8772, 0.5379, 8.6105



Tritanopia

15.9627, -3.8985, -1.8652

Trichromacy



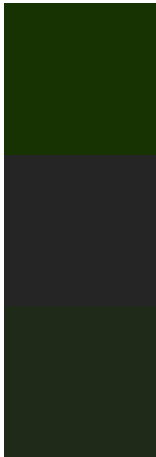
Original Color
15.9387, -10.8679, 9.5243

Protanomaly
15.7612, -6.1593, 9.6041

Deuteranomaly
15.5807, -4.1764, 8.7627

Tritanomaly
15.6739, -7.1187, 4.0908

Monochromacy



Original Color
15.9387, -10.8679, 9.5243

Achromatopsia
13.6016, -0.7257, 0.7390

Achromatomaly
14.2441, -5.0210, 5.0923

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9387, -10.8679, 9.5243 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(22, 51, 1)` looks like.

```
.text, #text, p{  
    color:rgb(22, 51, 1)  
}
```

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(22, 51, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(22, 51, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9387, -10.8679, 9.5243 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(22, 51, 1) }
```


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

```
.border{ border-color:rgb(22, 51, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(22, 51, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(22, 51, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(22, 51, 1); box-shadow:4px  
4px 4px 4px rgb(22, 51, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9387, -10.8679, 9.5243 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(22, 51, 1) }
```

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

```
.background{ background-color: rgb(22, 51,  
1) }
```

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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