

Converting Colors

HunterLab(15.3933, -13.1562,
9.1601)

Have a look what the booklet for
HunterLab(15.3933, -13.1562,
9.1601) contains.

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Color

**HunterLab(15.3943,
-13.1498, 9.1451)**

Conversions

Conversions Part 1

Format	Color
Hex	003301
RGB	0, 51, 1
RGB Percent	0%, 20%, 0%
CMY	1.0000, 0.8000, 0.9961
CMYK	1.00, 0.00, 0.98, 0.80
HSL	121°, 100%, 10%
HSV	121°, 100%, 20%
XYZ	1.1893, 2.3698, 0.4235
YIQ	30.0510, -14.3460, -26.3620

Conversions

Conversions Part 2

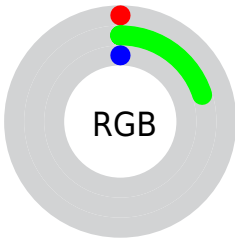
Format	Color
RYB	0, 50, 51
Decimal	13057
CIELab	17.32, -27.54, 23.80
CIELCh	17, 36.401, 139.161
Yxy	2.3699, 0.2986, 0.5950
Android (android.graphics.Color)	4278203137 (0xFF003301)
YUV	30.0510, -14.3221, -26.3547
Hunter-Lab	15.3943, -13.1498, 9.1451

Details

The HunterLab color **15.3943, -13.1498, 9.1451** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **9.6650, 18.9343, -12.2245**, and the grayscale version is **11.4567, -0.6113, 0.6225**.

A 20% lighter version of the original color is **31.0686, -18.3672, 13.4864**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.3946, -13.1500, 9.1452**, and if you desaturate by 10%, it is **15.5364, -12.4759, 8.6974**.

Distribution



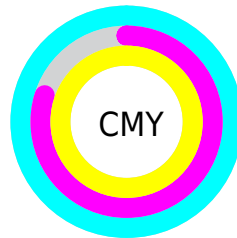
- Red (0%)
- Green (20%)
- Blue (0%)



- Red (0%)
- Yellow (20%)
- Blue (20%)



- Cyan (100%)
- Magenta (0%)
- Yellow (98%)
- Black (80%)



- Cyan (100%)
- Magenta (80%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3943, -13.1498, 9.1451 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 15.3943, -13.1498, 9.1451 by changing the saturation by 10% instead.

■ 15.3943, -13.1498,
9.1451

■ 15.3943, -13.1498,
9.1451

■ 109.6132,
-33.2875, 27.1720

■ 9.0020, -13.8114,
6.3014

■ 31.1636, -18.4842,
13.6269

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.3296, -20.8464,
15.7823

0.0000, NaN, NaN

■ 50.2511, -23.0858,
17.8271

0.0000, NaN, NaN

■ 60.8746, -25.2349,
19.7911

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 72.1564, -27.3159,
21.6947


0.0000, NaN, NaN


■ 84.0599, -29.3445,


0.0000, NaN, NaN


23.5527


 96.5545, -31.3321,
25.3757


 15.3943, -13.1498,
9.1451


 15.3943, -13.1498,
9.1451


 15.3946, -13.1500,
9.1452

 15.5364, -12.4759,
8.6974

 15.6772, -11.8138,
8.2558

 15.8406, -11.0512,
7.7325

 16.0464, -10.1053,
7.0891

 16.2955, -8.9786,
6.3280

■ 16.5886, -7.6779,
5.4539

■ 16.9258, -6.2135,
4.4739

■ 17.3066, -4.5979,
3.3966

■ 17.7301, -2.8454,
2.2315

Harmonies

Analogous

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



15.3946, -6.8133, 10.7762



15.3943, -13.1498, 9.1451



15.3946, -15.8748, 3.9842

Triad

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



15.3946, -13.1500, 9.1452



15.3946, -4.3818, -31.6593



15.3946, 22.7867, 5.8384

Complementary

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



15.3943, -13.1498, 9.1451



9.6650, 18.9343, -12.2245

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.



15.3946, 23.9413, -3.1549



15.3943, -13.1498, 9.1451



15.3946, 6.2532, -29.8192

Square

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



15.3946, -13.1500, 9.1452



15.3946, -11.7756, -21.4008



15.3946, 17.2675, -17.3422



15.3946, 14.4361, 10.1508

Rectangle

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



15.3943, -13.1498, 9.1451



15.3946, -15.9317, -2.4832



15.3946, 17.2675, -17.3422



15.3946, 24.0990, 3.5524

Sweetspot

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



15.3946, -13.1500, 9.1452



21.7385, -8.3165, 5.9721



17.4634, -4.9387, 10.6744



11.4616, -4.4614, 3.2002



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.



15.3946, -13.1500, 9.1452



19.8354, -16.9575, 11.8139



15.6330, -11.6661, 5.6439



9.7993, -1.3873, 1.1094



26.8147, -22.9425, 16.0102



70.3607, -60.2870, 42.1975

Inverse Universe

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



9.6650, 18.9343, -12.2245



12.4512, 24.3881, -15.7133



8.7893, 15.8335, -0.3784



9.4659, 0.3892, -0.0816



16.8301, 32.9591, -21.1944



44.1497, 86.4307, -55.3701

Previews

White Background



This preview shows how the HunterLab color 15.3943, -13.1498, 9.1451 looks on a white background.

Color Contrast Check

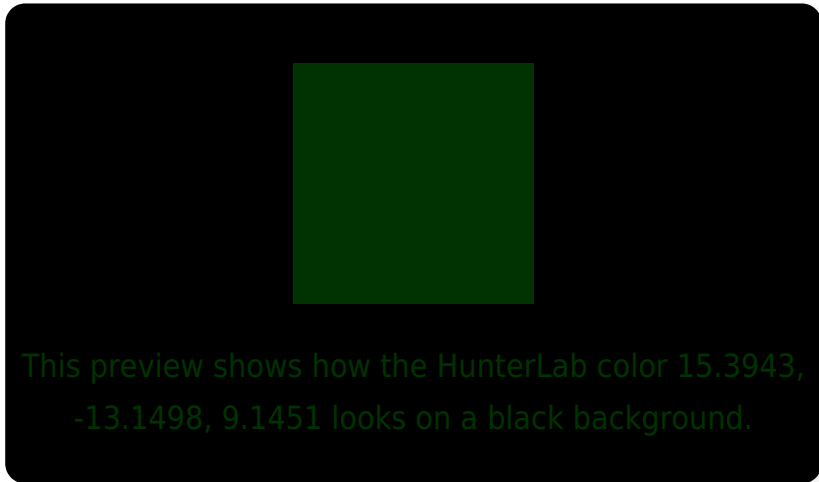
Large Text (above 18pt) WCAG AA ✓ Pass

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

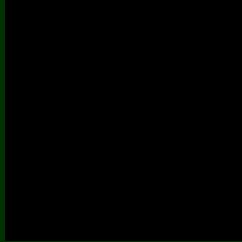
Any Text WCAG AA × Fail

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 15.3943, -13.1498, 9.1451 Background



This preview shows how black text looks on a background with the HunterLab color 15.3943, -13.1498, 9.1451.



This preview shows how white text looks on a background with the HunterLab color 15.3943,

-13.1498, 9.1451.

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

15.3943, -13.1498, 9.1451

Protanopia

15.6663, -2.7220, 9.6059

Deuteranopia

15.5636, 0.6207, 8.3950



Tritanopia

15.5932, -5.2713, -2.3925

Trichromacy



Original Color

15.3943, -13.1498, 9.1451

Protanomaly

15.2458, -8.1626, 9.2515

Deuteranomaly

14.9981, -6.3727, 8.3356

Tritanomaly

15.1963, -9.0041, 3.5925

Monochromacy



Original Color

15.3943, -13.1498, 9.1451

Achromatopsia

11.3943, -0.6080, 0.6191

Achromatomaly

12.5367, -6.5732, 4.6963

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3943, -13.1498, 9.1451 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, 51, 1)` looks like.

```
.text, #text, p{  
    color:rgb(0, 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(0, 51, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 51, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3943, -13.1498, 9.1451 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, 51, 1) }
```


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

```
.border{ border-color:rgb(0, 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(0, 51, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 51, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 51, 1); box-shadow:4px  
4px 4px 4px rgb(0, 51, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.3943, -13.1498, 9.1451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 51, 1) }
```

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

```
.background{ background-color: rgb(0, 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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