

Converting Colors

HunterLab(16.0318, -9.0124,
4.3520)

Have a look what the booklet for
HunterLab(16.0318, -9.0124, 4.3520)
contains.

HunterLab(15.9043, -8.9359, 4.2798)	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(15.9043, -8.9359,
4.2798)**

Conversions

Conversions Part 1

Format	Color
Hex	133221
RGB	19, 50, 33
RGB Percent	7%, 20%, 13%
CMY	0.9255, 0.8039, 0.8706
CMYK	0.62, 0.00, 0.34, 0.80
HSL	147°, 45%, 14%
HSV	147°, 62%, 20%
XYZ	1.6837, 2.5295, 1.8383
YIQ	38.7930, -13.0190, -11.8590

Conversions

Conversions Part 2

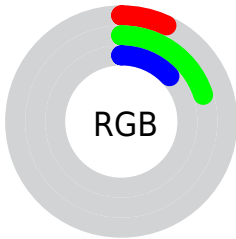
Format	Color
RYB	19, 40, 50
Decimal	1258017
CIELab	18.05, -16.43, 7.40
CIELCh	18, 18.023, 155.754
Yxy	2.5296, 0.2782, 0.4180
Android (android.graphics.Color)	4279448097 (0xFF133221)
YUV	38.7930, -2.8559, -17.3585
Hunter-Lab	15.9043, -8.9359, 4.2798

Details

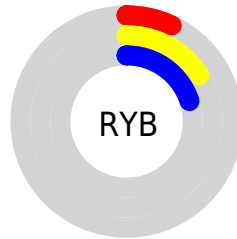
The HunterLab color **15.9043, -8.9359, 4.2798** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **11.2752, 9.8221, -1.6576**, and the grayscale version is **14.1893, -0.7571, 0.7709**.

A 20% lighter version of the original color is **31.8986, -12.5744, 6.3853**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.7154, -9.7895, 4.8128**, and if you desaturate by 10%, it is **16.1286, -7.9510, 3.7390**.

Distribution



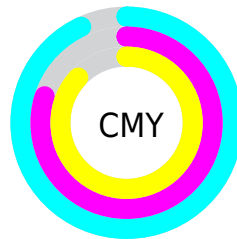
- Red (7%)
- Green (20%)
- Blue (13%)



- Red (7%)
- Yellow (16%)
- Blue (20%)



- Cyan (62%)
- Magenta (0%)
- Yellow (34%)
- Black (80%)



- Cyan (93%)
- Magenta (80%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9043, -8.9359, 4.2798 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 15.9043, -8.9359, 4.2798 by changing the saturation by 10% instead.

■ 15.9043, -8.9359,
4.2798

■ 15.9043, -8.9359,
4.2798

■ 110.5905,
-22.6798, 13.1780

■ 9.4414, -8.0890,
3.7635

■ 31.8074, -12.3315,
6.2455

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 41.0308, -13.8969,
7.2102

0.0000, NaN, NaN

■ 51.0054, -15.4137,
8.1773

0.0000, NaN, NaN

■ 61.6785, -16.8979,
9.1519

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0069, -18.3600,
10.1375

0.0000, NaN, NaN

■ 84.9547, -19.8076,

0.0000, NaN, NaN

11.1361

■ 97.4914, -21.2462,
12.1493

■ 15.9043, -8.9359,
4.2798

■ 15.9043, -8.9359,
4.2798

■ 15.7154, -9.7895,
4.8128

■ 16.1286, -7.9510,
3.7390

■ 15.5593, -10.5118,
5.3319

■ 16.3879, -6.8388,
3.1948

■ 15.4154, -11.1853,
5.8146

■ 16.6826, -5.6059,
2.6520

■ 15.3020, -11.7171,
6.1677

■ 17.0126, -4.2608,
2.1147

■ 17.3773, -2.8126,
1.5868

■ 17.7761, -1.2714,
1.0716

■ 18.2080, 0.3528,
0.5717

■ 18.6719, 2.0500,
0.0894

■ 19.1666, 3.8105,
-0.3738

Harmonies

Analogous

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



15.9046, -6.2509, 6.7866



15.9043, -8.9359, 4.2798



15.9046, -9.5806, -0.1117

Triad

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



15.9046, -8.9361, 4.2800



15.9046, 0.1594, -11.7089



15.9046, 8.0481, 5.4591

Complementary

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



15.9043, -8.9359, 4.2798



11.2752, 9.8221, -1.6576

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.



15.9046, 10.2984, 1.7849



15.9043, -8.9359, 4.2798



15.9046, 5.3854, -8.8787

Square

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



15.9046, -8.9361, 4.2800



15.9046, -4.7292, -10.3947



15.9046, 9.2667, -3.5276



15.9046, 3.4419, 7.2994

Rectangle

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



15.9043, -8.9359, 4.2798



15.9046, -8.8488, -3.8154



15.9046, 9.2667, -3.5276



15.9046, 9.1302, 4.4507

Sweetspot

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



15.9046, -8.9361, 4.2800



21.5769, -5.0151, 2.5325



16.4448, -7.2046, 7.7857



11.8238, -2.8264, 1.4177



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.



15.9046, -8.9361, 4.2800



19.7310, -12.8997, 6.4527



16.2386, -6.9594, -0.5047



9.8223, -1.2595, 0.7806



27.0956, -21.1885, 11.8727



70.9765, -56.4378, 33.1185

Inverse Universe

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



11.2752, 9.8221, -1.6576



12.8056, 15.4767, -2.1749



10.9380, 8.2676, 3.1563



9.4409, 0.2541, 0.2748



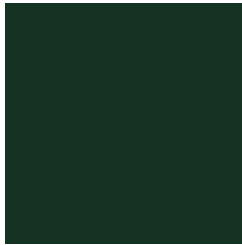
15.3542, 27.7357, -1.2500



40.0526, 71.9085, 0.1664

Previews

White Background



This preview shows how the HunterLab color 15.9043, -8.9359, 4.2798 looks on a white background.

Color Contrast Check

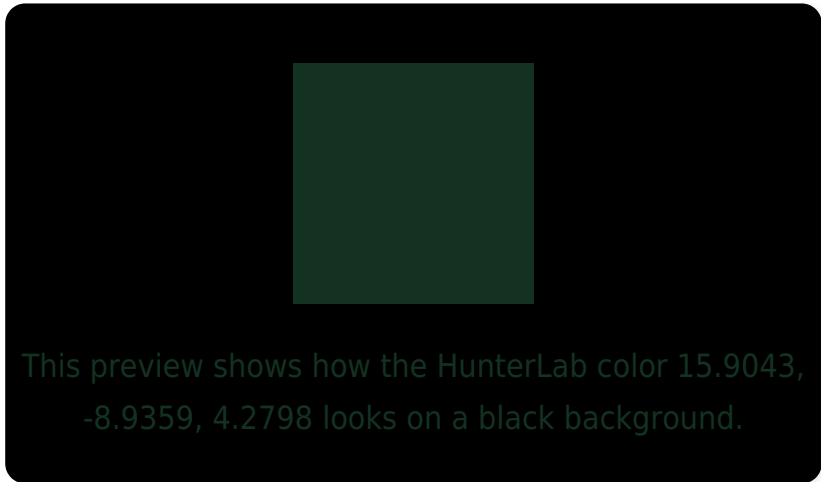
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.9043, -8.9359, 4.2798 Background



This preview shows how black text looks on a background with the HunterLab color 15.9043, -8.9359, 4.2798.



This preview shows how white text looks on a background with the HunterLab color 15.9043, -8.9359,

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

15.9043, -8.9359, 4.2798

Protanopia

15.8855, -1.3490, 5.1805

Deuteranopia

15.8346, 1.0070, 3.8209



Tritanopia

16.0266, -4.9057, -2.2293

Trichromacy



Original Color

15.9043, -8.9359, 4.2798

Protanomaly

15.6404, -4.6906, 4.6413

Deuteranomaly

15.6313, -3.3491, 3.8331

Tritanomaly

16.0257, -6.6003, 0.5746

Monochromacy



Original Color

15.9043, -8.9359, 4.2798

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.7255, -4.0295, 1.9561

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9043, -8.9359, 4.2798 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(19, 50, 33)` looks like.

```
.text, #text, p{  
    color:rgb(19, 50, 33)  
}
```

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(19, 50, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 50, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9043, -8.9359, 4.2798 is called "border". The border property can be set on classes, ids or directly on the HTML element.

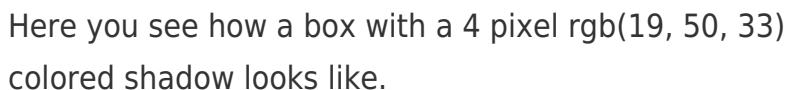
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(19, 50, 33) }
```


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

```
.border{ border-color:rgb(19, 50, 33) }
```

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



Here you see how a box with a 4 pixel `rgb(19, 50, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 50, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 50, 33);  
box-shadow:4px 4px 4px 4px rgb(19, 50, 33)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.9043, -8.9359, 4.2798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 50, 33) }
```

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

```
.background{ background-color: rgb(19, 50,  
33) }
```

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