

Converting Colors

HunterLab(15.7126, -10.0557,
6.8495)

Have a look what the booklet for
HunterLab(15.7126, -10.0557,
6.8495) contains.

HunterLab(15.7283, -9.9958, 6.8423)	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(15.7283, -9.9958,
6.8423)**

Conversions

Conversions Part 1

Format	Color
Hex	133215
RGB	19, 50, 21
RGB Percent	7%, 20%, 8%
CMY	0.9255, 0.8039, 0.9176
CMYK	0.62, 0.00, 0.58, 0.80
HSL	124°, 45%, 14%
HSV	124°, 62%, 20%
XYZ	1.5445, 2.4738, 1.1055
YIQ	37.4250, -9.1670, -15.5910

Conversions

Conversions Part 2

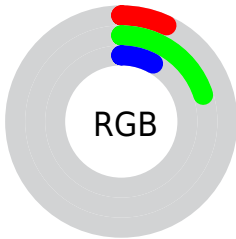
Format	Color
R_{YB}	19, 48, 50
Decimal	1258005
CIE Lab	17.80, -19.04, 14.97
CIE LCh	18, 24.221, 141.834
Yxy	2.4739, 0.3014, 0.4828
Android (android.graphics.Color)	4279448085 (0xFF133215)
YUV	37.4250, -8.0975, -16.1587
Hunter-Lab	15.7283, -9.9958, 6.8423

Details

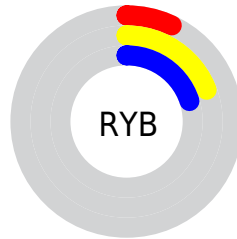
The HunterLab color **15.7283, -9.9958, 6.8423** is a dark color, and the websafe version is hex **003300**. A complement of this color would be **11.6504, 11.5087, -6.8509**, and the grayscale version is **13.7651, -0.7345, 0.7479**.

A 20% lighter version of the original color is **31.6913, -13.8917, 10.2102**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **15.5340, -10.8936, 7.4615**, and if you desaturate by 10%, it is **15.9645, -8.9275, 6.1211**.

Distribution



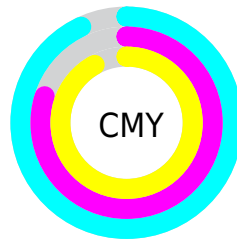
- Red (7%)
- Green (20%)
- Blue (8%)



- Red (7%)
- Yellow (19%)
- Blue (20%)



- Cyan (62%)
- Magenta (0%)
- Yellow (58%)
- Black (80%)



- Cyan (93%)
- Magenta (80%)
- Yellow (92%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.7283, -9.9958, 6.8423 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 15.7283, -9.9958, 6.8423 by changing the saturation by 10% instead.

■ 15.7283, -9.9958,
6.8423

■ 15.7283, -9.9958,
6.8423

■ 110.2541,
-25.2091, 19.9490

■ 9.2926, -9.4262,
6.5048

■ 31.5855, -13.8345,
10.0828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 40.7892, -15.5826,
11.5728

0.0000, NaN, NaN

■ 50.7457, -17.2655,
13.0162

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 61.4017, -18.9027,
14.4290

0.0000, NaN, NaN

■ 72.7140, -20.5075,
15.8222

0.0000, NaN, NaN

■ 84.6467, -22.0893,

0.0000, NaN, NaN

17.2032

■ 97.1689, -23.6548,
18.5774

■ 15.7283, -9.9958,
6.8423

■ 15.7283, -9.9958,
6.8423

■ 15.5340, -10.8936,
7.4615

■ 15.9645, -8.9275,
6.1211

■ 15.3788, -11.6204,
7.9753

■ 16.2422, -7.6938,
5.3025

■ 15.2394, -12.2747,
8.3970

■ 16.5618, -6.3042,
4.3932

■ 15.1274, -12.8049,
8.7341

■ 16.9230, -4.7702,
3.4012

■ 17.3251, -3.1050,
2.3350

■ 17.7668, -1.3223,
1.2037

■ 18.2470, 0.5637,
0.0159

■ 18.7642, 2.5393,
-1.2196

■ 19.3166, 4.5917,
-2.4951

Harmonies

Analogous

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



15.7286, -5.4904, 8.8474



15.7283, -9.9958, 6.8423



15.7286, -11.9653, 2.5504

Triad

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



15.7286, -9.9960, 6.8424



15.7286, -2.6862, -17.5395



15.7286, 13.5192, 4.8746

Complementary

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



15.7283, -9.9958, 6.8423



11.6504, 11.5087, -6.8509

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.



15.7286, 14.6213, -1.0504



15.7283, -9.9958, 6.8423



15.7286, 4.4224, -16.0139

Square

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



15.7286, -9.9960, 6.8424



15.7286, -8.2485, -12.7053



15.7286, 11.0515, -9.1488



15.7286, 8.2581, 7.9407

Rectangle

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



15.7283, -9.9958, 6.8423



15.7286, -11.8619, -1.9680



15.7286, 11.0515, -9.1488



15.7286, 14.4210, 3.2376

Sweetspot

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



15.7286, -9.9960, 6.8424



21.4729, -5.6047, 4.0257



17.2271, -4.2589, 8.4202



11.7649, -3.1609, 2.2639



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.



15.7286, -9.9960, 6.8424



19.5016, -14.3033, 9.8079



15.9607, -8.6009, 3.4690



9.8016, -1.3742, 1.0758



26.8311, -22.8397, 15.7679



70.3765, -60.1873, 41.9625

Inverse Universe

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



11.6504, 11.5087, -6.8509



13.4285, 18.0592, -10.7194



11.1957, 9.4594, -0.5364



9.4633, 0.3749, -0.0440



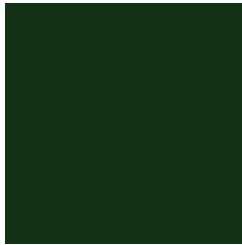
16.6385, 32.2931, -18.6996



43.6051, 84.5374, -48.2746

Previews

White Background



This preview shows how the HunterLab color 15.7283, -9.9958, 6.8423 looks on a white background.

Color Contrast Check

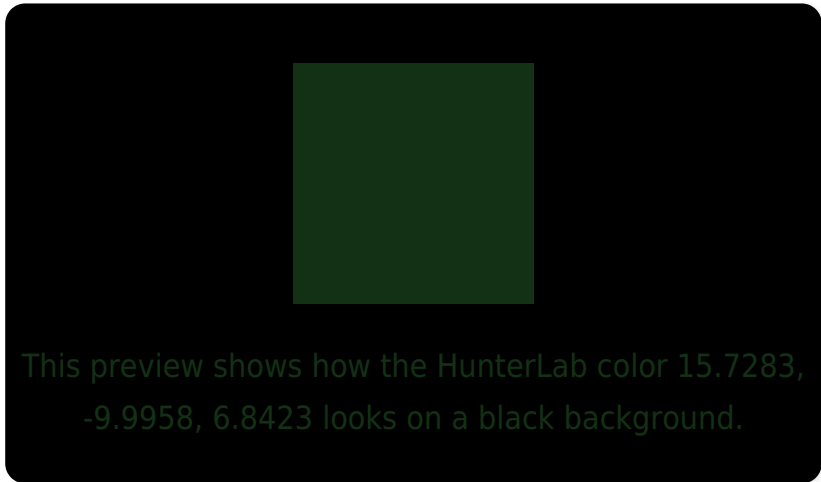
Large Text (above 18pt) WCAG AA ✓ Pass

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

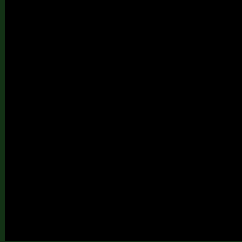
Any Text WCAG AA × Fail

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 15.7283, -9.9958, 6.8423 Background



This preview shows how black text looks on a background with the HunterLab color 15.7283, -9.9958, 6.8423.



This preview shows how white text looks on a background with the HunterLab color 15.7283, -9.9958,

6.8423.

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

15.7283, -9.9958, 6.8423

Protanopia

15.8157, -1.8900, 7.4028

Deuteranopia

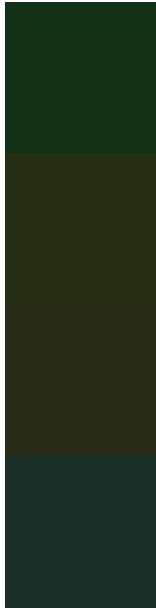
15.8179, 0.5748, 6.7186



Tritanopia

15.8274, -4.3971, -2.0567

Trichromacy



Original Color

15.7283, -9.9958, 6.8423

Protanomaly

15.5453, -5.3577, 6.9610

Deuteranomaly

15.5117, -4.1574, 6.5841

Tritanomaly

15.6885, -6.7856, 1.9617

Monochromacy



Original Color

15.7283, -9.9958, 6.8423

Achromatopsia

13.6016, -0.7257, 0.7390

Achromatomaly

14.2509, -4.7641, 3.3046

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.7283, -9.9958, 6.8423 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, 21)` looks like.

```
.text, #text, p{  
    color:rgb(19, 50, 21)  
}
```

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, 21) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 50, 21) }
```

Border

The CSS property to change the border of an element to HunterLab 15.7283, -9.9958, 6.8423 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, 21) }
```


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

```
.border{ border-color:rgb(19, 50, 21) }
```

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, 21) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 50, 21); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 50, 21);  
box-shadow:4px 4px 4px 4px rgb(19, 50, 21)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.7283, -9.9958, 6.8423 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, 21) }
```

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

```
.background{ background-color: rgb(19, 50,  
21) }
```

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