

Converting Colors

HunterLab(19.4231, 9.1838,
6.2700)

Have a look what the booklet for
HunterLab(19.4231, 9.1838, 6.2700)
contains.

HunterLab(19.4231, 9.1838, 6.2700)	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(19.4231, 9.1838,
6.2700)**

Conversions

Conversions Part 1

Format	Color
Hex	512D27
RGB	81, 45, 39
RGB Percent	32%, 18%, 15%
CMY	0.6824, 0.8235, 0.8471
CMYK	0.00, 0.44, 0.52, 0.68
HSL	9°, 35%, 24%
HSV	9°, 52%, 32%
XYZ	4.6979, 3.7726, 2.4000
YIQ	55.0800, 23.3820, 5.7660

Conversions

Conversions Part 2

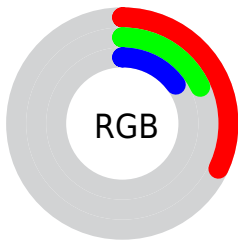
Format	Color
RYB	81, 46, 39
Decimal	5319975
CIELab	22.91, 15.80, 11.00
CIELCh	23, 19.253, 34.848
Yxy	3.7728, 0.4322, 0.3471
Android (android.graphics.Color)	4283510055 (0xFF512D27)
YUV	55.0800, -7.9274, 22.7318
Hunter-Lab	19.4231, 9.1838, 6.2700

Details


The HunterLab color **19.4231, 9.1838, 6.2700** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **24.6115, -7.9828, -3.7275**, and the grayscale version is **19.5940, -1.0455, 1.0646**.

A 20% lighter version of the original color is **36.0940, 10.3096, 8.6437**, and **6.1243, 10.4880, 3.9574** is the 20% darker color. If you saturate the color by 10%, you get **17.9939, 11.5078, 7.0404**, and if you desaturate by 10%, it is **20.9915, 6.9213, 5.4301**.

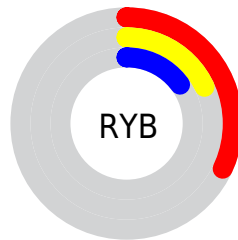
Distribution



 Red (32%)

 Green (18%)

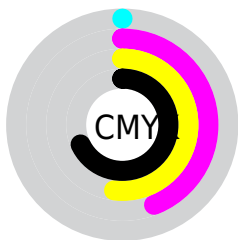
 Blue (15%)



 Red (32%)

 Yellow (18%)

 Blue (15%)

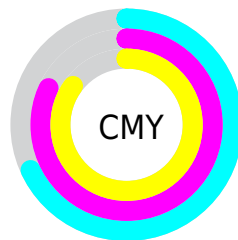


 Cyan (0%)

 Magenta (44%)

 Yellow (52%)

 Black (68%)



 Cyan (68%)

 Magenta (82%)

 Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.4231, 9.1838, 6.2700 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 19.4231, 9.1838, 6.2700 by changing the saturation by 10% instead.

■ 19.4231, 9.1838,
6.2700

■ 19.4231, 9.1838,
6.2700

■ 117.1440, 11.1854,
17.0599

■ 12.4389, 8.4259,
4.9585

■ 36.1865, 10.2571,
8.7686

■ 5.6715, 11.8370,
3.9700

■ 45.7819, 10.6225,
9.9658

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 56.1014, 10.8950,
11.1486

0.0000, NaN, NaN

■ 67.0974, 11.0860,
12.3253

0.0000, NaN, NaN

■ 78.7306, 11.2041,
13.5015

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 90.9678, 11.2565,

14.6809

0.0000, NaN, NaN

103.7805, 11.2487,
15.8664

19.4231, 9.1838,
6.2700

19.4231, 9.1838,
6.2700

17.9939, 11.5078,
7.0404

20.9915, 6.9213,
5.4301

16.7228, 13.8482,
7.7100

22.6791, 4.7485,
4.5428

15.6316, 16.1252,
8.2424

24.4706, 2.6735,
3.6246

14.7375, 18.2189,
8.6376

26.3526, 0.6957,
2.6865

14.1495, 19.6403,
9.0627

28.3139, -1.1907,
1.7356

■ 30.3451, -2.9939,
0.7763

■ 32.4387, -4.7231,
-0.1887

■ 34.5881, -6.3870,
-1.1577

■ 36.7880, -7.9939,
-2.1300

Harmonies

Analogous

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



19.4236, 11.6155, 1.9478



19.4231, 9.1838, 6.2700



19.4236, 4.0260, 8.5114

Triad

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



19.4236, 9.1827, 6.2703



19.4236, -10.2808, 5.1093



19.4236, -0.0689, -13.0717

Complementary

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



19.4231, 9.1838, 6.2700



24.6115, -7.9828, -3.7275

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.



19.4236, -5.6300, -11.4754



19.4231, 9.1838, 6.2700



19.4236, -11.1027, 0.1225

Square

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



19.4236, 9.1827, 6.2703



19.4236, -7.1069, 7.9949



19.4236, -9.5023, -6.1795



19.4236, 5.8829, -10.0549

Rectangle

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



19.4231, 9.1838, 6.2700



19.4236, -0.0076, 9.0298



19.4236, -9.5023, -6.1795



19.4236, -2.0462, -13.0634

Sweetspot

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



19.4236, 9.1827, 6.2703



33.2054, 2.1042, 4.0816



19.2714, 16.3160, -8.5404



16.7716, 1.2180, 2.1480



67.9972, -3.6282, 3.6944



19.0543, -1.0167, 1.0353

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



19.4236, 9.1827, 6.2703



23.0726, 15.7075, 9.3954



23.9701, 0.3832, 10.0291



13.9327, 0.0504, 1.2357



18.2101, 26.3870, 11.6829



42.7328, 66.5853, 27.4974

Inverse Universe

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



24.6115, -7.9828, -3.7275



31.1328, -11.4275, -6.2376



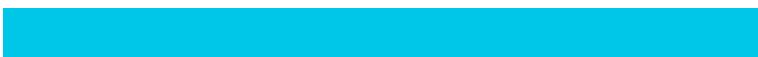
19.2384, 0.2894, -12.1312



14.4191, -1.5167, 0.3074



28.7354, -12.0841, -9.8307



68.2821, -28.0759, -24.7389

Previews

White Background



This preview shows how the HunterLab color 19.4231, 9.1838, 6.2700 looks on a white background.

Color Contrast Check

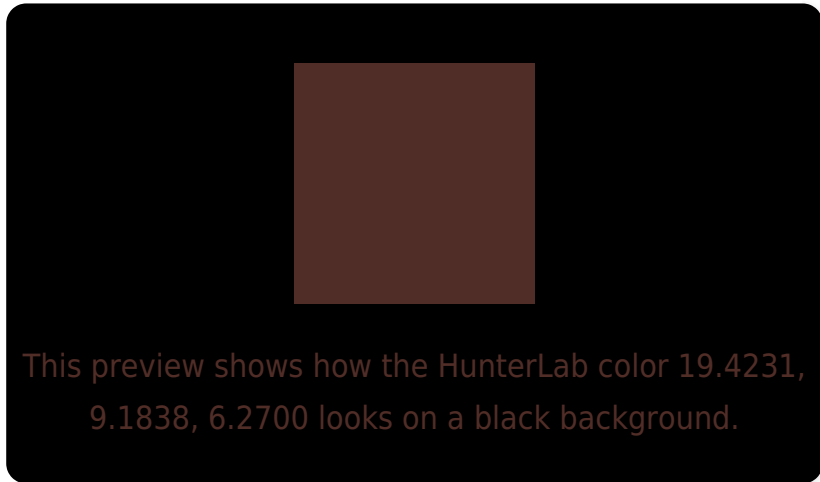
Large Text (above 18pt) WCAG AA ✓ Pass

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

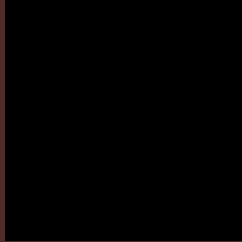
Any Text WCAG AA × Fail

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 19.4231, 9.1838, 6.2700 Background



This preview shows how black text looks on a background with the HunterLab color 19.4231, 9.1838, 6.2700.

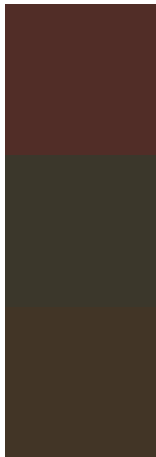


This preview shows how white text looks on a background with the HunterLab color 19.4231, 9.1838,

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

19.4231, 9.1838, 6.2700

Protanopia

19.5872, -1.4172, 5.1266

Deuteranopia

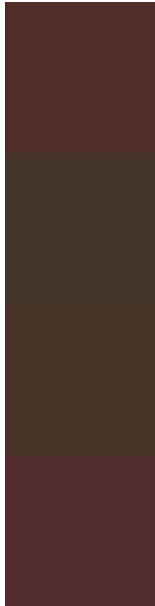
19.6071, 0.9168, 6.5529



Tritanopia

19.4947, 10.6903, 4.0206

Trichromacy



Original Color

19.4231, 9.1838, 6.2700

Protanomaly

19.3083, 2.4172, 5.2137

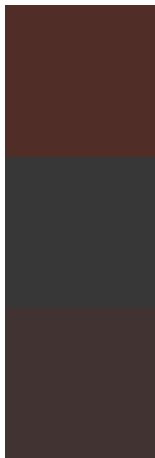
Deuteranomaly

19.3926, 3.7001, 6.4081

Tritanomaly

19.4346, 10.3969, 4.8880

Monochromacy



Original Color

19.4231, 9.1838, 6.2700

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.1817, 2.2828, 2.8782

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.4231, 9.1838, 6.2700 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(81, 45, 39)` looks like.

```
.text, #text, p{  
    color:rgb(81, 45, 39)  
}
```

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(81, 45, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(81, 45, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 19.4231, 9.1838, 6.2700 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(81, 45, 39) }
```


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

```
.border{ border-color:rgb(81, 45, 39) }
```

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

Here you see how a box with a 4 pixel `rgb(81, 45, 39)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(81, 45, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(81, 45, 39);  
box-shadow:4px 4px 4px 4px rgb(81, 45, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.4231, 9.1838, 6.2700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(81, 45, 39) }
```

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

```
.background{ background-color: rgb(81, 45,  
39) }
```

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