

Converting Colors

HunterLab(31.2319, 9.8440,
19.1447)

Have a look what the booklet for
HunterLab(31.2319, 9.8440,
19.1447) contains.

HunterLab(31.2319, 9.8440, 19.1447)	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(31.2319, 9.8440,
19.1447)**

Conversions

Conversions Part 1

Format	Color
Hex	7E4D05
RGB	126, 77, 5
RGB Percent	49%, 30%, 2%
CMY	0.5059, 0.6980, 0.9804
CMYK	0.00, 0.39, 0.96, 0.51
HSL	36°, 92%, 26%
HSV	36°, 96%, 49%
XYZ	11.2854, 9.7543, 1.4316
YIQ	83.4430, 52.3160, -12.0040

Conversions

Conversions Part 2

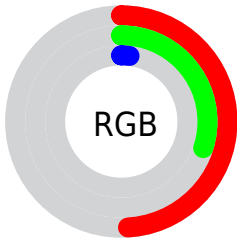
Format	Color
RYB	87, 126, 5
Decimal	8277253
CIELab	37.40, 15.59, 44.86
CIElCh	37, 47.491, 70.841
Yxy	9.7548, 0.5022, 0.4341
Android (android.graphics.Color)	4286467333 (0xFF7E4D05)
YUV	83.4430, -38.6724, 37.3225
Hunter-Lab	31.2319, 9.8440, 19.1447

Details

The HunterLab color **31.2319, 9.8440, 19.1447** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **20.4375, 9.1936, -44.5078**, and the grayscale version is **29.6958, -1.5845, 1.6134**.

A 20% lighter version of the original color is **50.2936, 10.4860, 26.4552**, and **15.5798, 8.7381, 9.7532** is the 20% darker color. If you saturate the color by 10%, you get **30.7648, 10.6733, 19.1440**, and if you desaturate by 10%, it is **32.4477, 7.7746, 19.1154**.

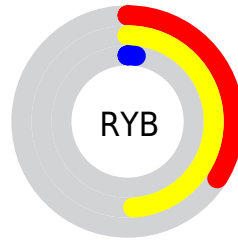
Distribution



Red (49%)

Green (30%)

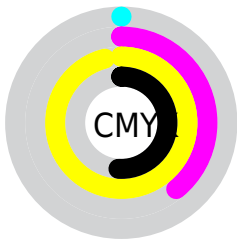
Blue (2%)



Red (34%)

Yellow (49%)

Blue (2%)

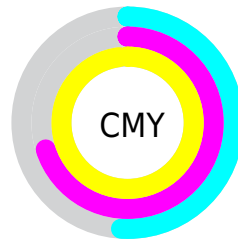


Cyan (0%)

Magenta (39%)

Yellow (96%)

Black (51%)



Cyan (51%)

Magenta (70%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.2319, 9.8440, 19.1447 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 31.2319, 9.8440, 19.1447 by changing the saturation by 10% instead.

31.2319, 9.8440,
19.1447

31.2319, 9.8440,
19.1447

137.4457, 10.7482,
47.5474

22.8838, 9.3135,
15.5879

50.3322, 10.5645,
26.4929

15.4493, 8.6434,
10.8145

60.9610, 10.7889,
29.8558

9.0503, 7.8397,
6.3352

72.2478, 10.9363,
33.0619

0.0000, INF, NaN

0.0000, NaN, NaN

84.1562, 11.0147,
36.1395

0.0000, NaN, NaN

96.6552, 11.0304,
39.1110


0.0000, NaN, NaN


0.0000, NaN, NaN

109.7183, 10.9884,


41.9939

0.0000, NaN, NaN

 123.3220, 10.8931,
44.8022

 31.2319, 9.8440,
19.1447


 31.2319, 9.8440,
19.1447

 30.7648, 10.6733,
19.1440

 32.4477, 7.7746,
19.1154

 33.7350, 5.8668,
18.7073

 35.0952, 4.1474,
17.8688

 36.5255, 2.6233,
16.6030

 38.0226, 1.2956,
14.9235

■ 39.5831, 0.1611,
12.8500

■ 41.2033, -0.7864,
10.4058

■ 42.8799, -1.5551,
7.6153

■ 44.6095, -2.1540,
4.5033

Harmonies

Analogous

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



31.2327, 27.2213, 15.9957



31.2319, 9.8440, 19.1447



31.2327, -7.6010, 19.4415

Triad

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



31.2327, 9.8421, 19.1450



31.2327, -27.7958, -4.7562



31.2327, 22.8065, -32.3154

Complementary

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



31.2319, 9.8440, 19.1447



20.4375, 9.1936, -44.5078

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.



31.2327, 4.7435, -47.0929



31.2319, 9.8440, 19.1447



31.2327, -22.8107, -26.3622

Square

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



31.2327, 9.8421, 19.1450



31.2327, -27.0052, 10.3046



31.2327, -11.7205, -44.4679



31.2327, 35.7466, -10.3717

Rectangle

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



31.2319, 9.8440, 19.1447



31.2327, -16.7675, 18.3766



31.2327, -11.7205, -44.4679



31.2327, 16.9885, -38.7067

Sweetspot

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



31.2327, 9.8421, 19.1450



53.8728, -0.6128, 15.0439



21.9638, 37.6168, 4.2930



25.3339, -0.0800, 7.7153



79.8926, -4.2629, 4.3407



28.9024, -1.5422, 1.5703

Same Dimension

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



31.2327, 9.8421, 19.1450



40.4700, 14.8793, 25.1979



43.1739, -14.8624, 26.1460



21.7630, -0.9812, 2.7133



31.1473, 10.8384, 19.3826

0.0000, NaN, NaN

Inverse Universe

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



20.4375, 9.1936, -44.5078



25.6085, 15.0046, -64.3991



13.1044, 31.8061, -80.6740



21.1552, -1.2400, -0.4758

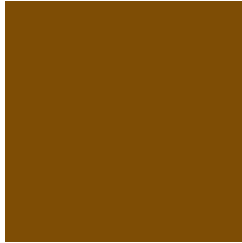


19.9209, 10.6124, -47.8085

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 31.2319, 9.8440, 19.1447 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 31.2319, 9.8440, 19.1447 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 31.2319, 9.8440, 19.1447 Background



This preview shows how black text looks on a background with the HunterLab color 31.2319, 9.8440, 19.1447.



This preview shows how white text looks on a background with the HunterLab color 31.2319, 9.8440,

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

31.2319, 9.8440, 19.1447

Protanopia

31.4297, -4.5221, 18.6904

Deuteranopia

31.2816, 1.4773, 19.3014



Tritanopia

31.3651, 17.4453, 6.3602

Trichromacy



Original Color

31.2319, 9.8440, 19.1447

Protanomaly

31.2537, 0.1604, 18.7709

Deuteranomaly

31.0985, 4.6377, 19.1344

Tritanomaly

31.1862, 13.8132, 13.5042

Monochromacy



Original Color

31.2319, 9.8440, 19.1447

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.6873, 0.8242, 11.0890

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.2319, 9.8440, 19.1447 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(126, 77, 5)` looks like.

```
.text, #text, p{  
    color:rgb(126, 77, 5)  
}
```

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(126, 77, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(126, 77, 5) }
```

Border

The CSS property to change the border of an element to HunterLab 31.2319, 9.8440, 19.1447 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(126, 77, 5) }
```


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

```
.border{ border-color:rgb(126, 77, 5) }
```

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

Here you see how a box with a 4 pixel rgb(126, 77, 5) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(126, 77, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(126, 77, 5);  
box-shadow:4px 4px 4px 4px rgb(126, 77, 5)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.2319, 9.8440, 19.1447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(126, 77, 5) }
```

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

```
.background{ background-color: rgb(126, 77,  
5) }
```

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