

Converting Colors

HunterLab(31.4045, 4.1908,
19.4247)

Have a look what the booklet for
HunterLab(31.4045, 4.1908,
19.4247) contains.

HunterLab(31.3313, 4.1555, 19.3789)	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(31.3313, 4.1555,
19.3789)**

Conversions

Conversions Part 1

Format	Color
Hex	755200
RGB	117, 82, 0
RGB Percent	46%, 32%, 0%
CMY	0.5412, 0.6784, 1.0000
CMYK	0.00, 0.30, 1.00, 0.54
HSL	42°, 100%, 23%
HSV	42°, 100%, 46%
XYZ	10.3534, 9.8165, 1.3491
YIQ	83.1170, 47.1820, -18.0820

Conversions

Conversions Part 2

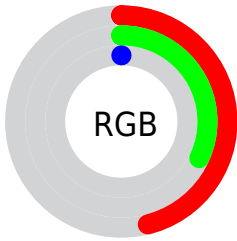
Format	Color
R_{YB}	50, 117, 0
Decimal	7688704
CIE Lab	37.51, 8.14, 45.98
CIE LCh	38, 46.695, 79.963
Yxy	9.8170, 0.4811, 0.4562
Android (android.graphics.Color)	4285878784 (0xFF755200)
YUV	83.1170, -40.9767, 29.7154
Hunter-Lab	31.3313, 4.1555, 19.3789

Details

The HunterLab color **31.3313, 4.1555, 19.3789** is a dark color, and the websafe version is hex **996600**. A complement of this color would be **15.7685, 15.5565, -53.2904**, and the grayscale version is **29.5865, -1.5787, 1.6075**.

A 20% lighter version of the original color is **50.3911, 4.0548, 26.8691**, and **15.6301, 3.9734, 9.7007** is the 20% darker color. If you saturate the color by 10%, you get **31.3318, 4.1544, 19.3792**, and if you desaturate by 10%, it is **32.2246, 2.8154, 19.2833**.

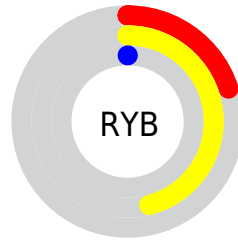
Distribution



Red (46%)

Green (32%)

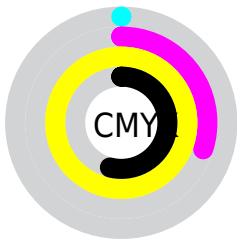
Blue (0%)



Red (20%)

Yellow (46%)

Blue (0%)

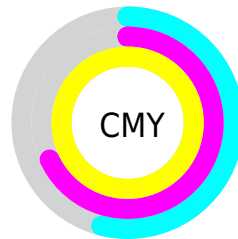


Cyan (0%)

Magenta (30%)

Yellow (100%)

Black (54%)



Cyan (54%)

Magenta (68%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.3313, 4.1555, 19.3789 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 31.3313, 4.1555, 19.3789 by changing the saturation by 10% instead.

31.3313, 4.1555,
19.3789

31.3313, 4.1555,
19.3789

137.6085, 1.9861,
48.3816

22.9734, 4.0699,
15.8190

50.4487, 4.0710,
26.8872

15.5279, 3.8788,
10.8695

61.0852, 3.9264,
30.3238

9.1193, 3.5729,
6.3835

72.3792, 3.7232,
33.5994

0.0000, NaN, NaN

0.0000, NaN, NaN

84.2944, 3.4668,
36.7427

0.0000, NaN, NaN

96.8000, 3.1616,
39.7763

0.0000, NaN, NaN

0.0000, NaN, NaN

109.8694, 2.8112,

42.7182

0.0000, NaN, NaN

■ 123.4791, 2.4185,
45.5827

■ 31.3313, 4.1555,
19.3789

■ 31.3313, 4.1555,
19.3789

■ 31.3318, 4.1544,
19.3792

■ 32.2246, 2.8154,
19.2833

■ 33.1521, 1.5738,
18.9677

■ 34.1255, 0.4950,
18.2599

■ 35.1450, -0.4126,
17.1469

■ 36.2100, -1.1453,
15.6273

■ 37.3196, -1.7027,
13.7070

■ 38.4726, -2.0873,
11.3975

■ 39.6675, -2.3029,
8.7134

■ 40.9029, -2.3552,
5.6715

Harmonies

Analogous

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



31.3321, 21.9162, 17.2845



31.3313, 4.1555, 19.3789



31.3321, -11.9516, 19.0172

Triad

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



31.3321, 4.1539, 19.3792



31.3321, -26.6101, -10.6959



31.3321, 27.0735, -25.1802

Complementary

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



31.3313, 4.1555, 19.3789



15.7685, 15.5565, -53.2904

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.



31.3321, 10.1283, -43.0689



31.3313, 4.1555, 19.3789



31.3321, -19.8541, -32.0960

Square

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



31.3321, 4.1539, 19.3792



31.3321, -27.5475, 6.5996



31.3321, -7.1038, -46.1102



31.3321, 36.8750, -4.1328

Rectangle

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



31.3313, 4.1555, 19.3789



31.3321, -19.8301, 17.2940



31.3321, -7.1038, -46.1102



31.3321, 21.8757, -32.1448

Sweetspot

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



31.3321, 4.1539, 19.3792



51.3610, -2.7613, 15.5109



19.7584, 34.4528, 7.9826



24.3813, -1.2521, 7.9464



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



31.3321, 4.1539, 19.3792



41.6372, 6.0977, 25.7634



38.8344, -17.6912, 23.6197



20.2241, -1.1594, 2.6433



32.8458, 4.4382, 20.3171



71.4307, 11.8061, 44.2220

Inverse Universe

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



15.7685, 15.5565, -53.2904



20.5807, 22.2470, -73.7489



12.1301, 31.3589, -74.2362



19.3702, -0.8917, -0.5996



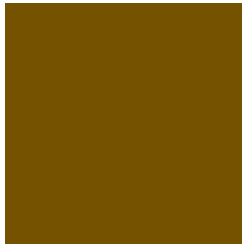
16.4750, 16.5364, -56.2896



34.4881, 41.8081, -133.3589

Previews

White Background



This preview shows how the HunterLab color 31.3313, 4.1555, 19.3789 looks on a white background.

Color Contrast Check

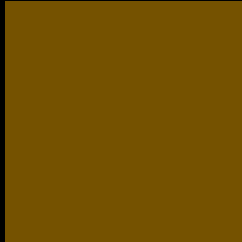
Large Text (above 18pt) WCAG AA ✓ Pass

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 31.3313, 4.1555, 19.3789 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 31.3313, 4.1555, 19.3789 Background



This preview shows how black text looks on a background with the HunterLab color 31.3313, 4.1555, 19.3789.



This preview shows how white text looks on a background with the HunterLab color 31.3313, 4.1555,

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

31.3313, 4.1555, 19.3789

Protanopia

31.4156, -4.6003, 18.8983

Deuteranopia

31.2816, 1.4773, 19.3014



Tritanopia

31.3736, 13.3280, 4.4800

Trichromacy



Original Color

31.3313, 4.1555, 19.3789

Protanomaly

31.1906, -1.3975, 18.9767

Deuteranomaly

31.2473, 2.6290, 19.3004

Tritanomaly

31.1284, 9.1185, 13.1528

Monochromacy



Original Color

31.3313, 4.1555, 19.3789

Achromatopsia

29.4110, -1.5693, 1.5980

Achromatomaly

29.7934, -1.4812, 11.6298

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.3313, 4.1555, 19.3789 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(117, 82, 0)` looks like.

```
.text, #text, p{  
    color:rgb(117, 82, 0)  
}
```

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(117, 82, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 82, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 31.3313, 4.1555, 19.3789 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(117, 82, 0) }
```


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

```
.border{ border-color:rgb(117, 82, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 82, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 82, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 82, 0);  
box-shadow:4px 4px 4px 4px rgb(117, 82, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 31.3313, 4.1555, 19.3789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 82, 0) }
```

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

```
.background{ background-color: rgb(117, 82,  
0) }
```

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