

Converting Colors

HunterLab(30.0967, 33.2973,
20.2338)

Have a look what the booklet for
HunterLab(30.0967, 33.2973,
20.2338) contains.

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Color

**HunterLab(30.1371, 33.5838,
19.1583)**

Conversions

Conversions Part 1

Format	Color
Hex	9B3000
RGB	155, 48, 0
RGB Percent	61%, 19%, 0%
CMY	0.3922, 0.8117, 1.0000
CMYK	0.00, 0.69, 1.00, 0.39
HSL	19°, 100%, 30%
HSV	19°, 100%, 61%
XYZ	14.5745, 9.0824, 0.9849
YIQ	74.5210, 79.1800, 7.7560

Conversions

Conversions Part 2

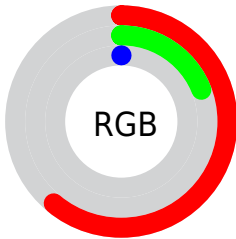
Format	Color
RYB	155, 70, 0
Decimal	10170368
CIELab	36.14, 42.87, 48.23
CIElCh	36, 64.526, 48.369
Yxy	9.0830, 0.5914, 0.3686
Android (android.graphics.Color)	4288360448 (0xFF9B3000)
YUV	74.5210, -36.7389, 70.5801
Hunter-Lab	30.1371, 33.5838, 19.1583

Details

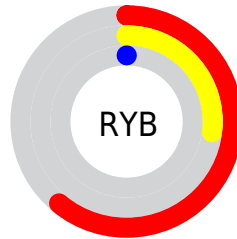
The HunterLab color **30.1371, 33.5838, 19.1583** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **35.8895, -7.2348, -29.2408**, and the grayscale version is **26.4626, -1.4120, 1.4378**.

A 20% lighter version of the original color is **49.0969, 36.8568, 27.1163**, and **15.5977, 26.7116, 10.0789** is the 20% darker color. If you saturate the color by 10%, you get **30.1379, 33.5811, 19.1587**, and if you desaturate by 10%, it is **31.7841, 29.4954, 19.2232**.

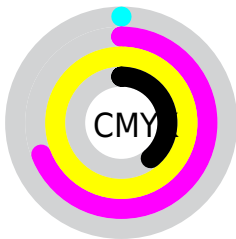
Distribution



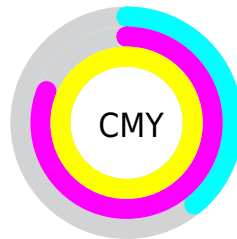
- Red (61%)
- Green (19%)
- Blue (0%)



- Red (61%)
- Yellow (27%)
- Blue (0%)



- Cyan (0%)
- Magenta (69%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (81%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.1371, 33.5838, 19.1583 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 30.1371, 33.5838, 19.1583 by changing the saturation by 10% instead.

30.1371, 33.5838,
19.1583

30.1371, 33.5838,
19.1583

135.6450, 44.5168,
49.5752

21.8983, 31.8267,
15.3288

49.0467, 36.7543,
27.0655

14.5866, 30.0306,
10.2106

59.5900, 38.1621,
30.6801

8.2470, 29.1145,
5.7729

70.7963, 39.4580,
34.1202

0.0000, INF, NaN

0.0000, NaN, NaN

82.6285, 40.6496,
37.4161

0.0000, NaN, NaN

95.0549, 41.7447,
40.5920

0.0000, NaN, NaN

108.0486, 42.7501,

0.0000, NaN, NaN

43.6673

0.0000, NaN, NaN

■ 121.5856, 43.6723,
46.6575

■ 30.1371, 33.5838,
19.1583

■ 30.1371, 33.5838,
19.1583

■ 30.1379, 33.5811,
19.1587

■ 31.7841, 29.4954,
19.2232

■ 33.7250, 25.2318,
18.9438

■ 35.9478, 20.9933,
18.1693

■ 38.4253, 16.8896,
16.9409

■ 41.1301, 12.9862,
15.3162

■ 44.0364, 9.3152,
13.3547

■ 47.1207, 5.8852,
11.1109

■ 50.3627, 2.6902,
8.6312

■ 53.7448, -0.2838,
5.9540

Harmonies

Analogous

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



30.1380, 52.6063, 12.0814



30.1371, 33.5838, 19.1583



30.1380, 7.7926, 21.0966

Triad

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



30.1380, 33.5808, 19.1587



30.1380, -33.7515, 8.9232



30.1380, 13.5618, -71.3475

Complementary

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



30.1371, 33.5838, 19.1583



35.8895, -7.2348, -29.2408

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.



30.1380, -9.9842, -74.9962



30.1371, 33.5838, 19.1583



30.1380, -33.0509, -14.7724

Square

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



30.1380, 33.5808, 19.1587



30.1380, -27.9677, 18.3102



30.1380, -25.6406, -49.4728



30.1380, 38.8747, -41.5687

Rectangle

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



30.1371, 33.5838, 19.1583



30.1380, -7.7553, 21.0966



30.1380, -25.6406, -49.4728



30.1380, 5.0716, -76.2022

Sweetspot

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



30.1380, 33.5808, 19.1587



62.8113, 8.1360, 15.0544



28.3935, 52.4752, -11.5029



29.1015, 4.7136, 7.7391



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



30.1380, 33.5808, 19.1587



39.9601, 45.9989, 25.4285



46.2425, -0.9240, 28.4782



25.5329, -0.2402, 2.7117



27.1238, 29.7759, 17.2348



4.1159, 1.6957, 2.5659

Inverse Universe

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



35.8895, -7.2348, -29.2408



47.6655, -9.1299, -39.8689



18.2936, 30.4963, -88.6979



25.8912, -2.4061, 0.0448



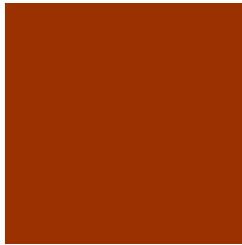
32.2730, -6.6473, -25.9888



4.6848, -1.8517, -1.8583

Previews

White Background



This preview shows how the HunterLab color 30.1371, 33.5838, 19.1583 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 30.1371, 33.5838, 19.1583 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

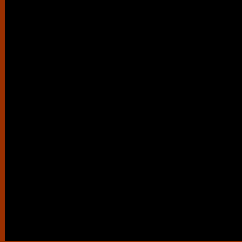
Any Text WCAG AA × Fail

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 30.1371, 33.5838, 19.1583 Background



This preview shows how black text looks on a background with the HunterLab color 30.1371, 33.5838, 19.1583.



This preview shows how white text looks on a background with the HunterLab color 30.1371, 33.5838, 19.1583.

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

30.1371, 33.5838, 19.1583

Protanopia

30.3931, -4.0969, 17.6219

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

30.2488, 36.5349, 14.0075

Trichromacy



Original Color

30.1371, 33.5838, 19.1583

Protanomaly

29.1727, 9.2112, 17.4938

Deuteranomaly

29.6916, 12.9330, 18.5223

Tritanomaly

30.1921, 35.3825, 16.8116

Monochromacy



Original Color

30.1371, 33.5838, 19.1583

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.3383, 9.0251, 10.0928

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.1371, 33.5838, 19.1583 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(155, 48, 0)` looks like.

```
.text, #text, p{  
    color:rgb(155, 48, 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(155, 48, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 48, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.1371, 33.5838, 19.1583 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(155, 48, 0) }
```


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

```
.border{ border-color:rgb(155, 48, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 48, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 48, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 48, 0);  
box-shadow:4px 4px 4px 4px rgb(155, 48, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.1371, 33.5838, 19.1583 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 48, 0) }
```

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

```
.background{ background-color: rgb(155, 48,  
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](#).

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