

Converting Colors

HunterLab(30.2332, 31.6443,
19.1835)

Have a look what the booklet for
HunterLab(30.2332, 31.6443,
19.1835) contains.

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Color

**HunterLab(30.2324, 31.6466,
19.1831)**

Conversions

Conversions Part 1

Format	Color
Hex	993300
RGB	153, 51, 0
RGB Percent	60%, 20%, 0%
CMY	0.4000, 0.8000, 1.0000
CMYK	0.00, 0.67, 1.00, 0.40
HSL	20°, 100%, 30%
HSV	20°, 100%, 60%
XYZ	14.3207, 9.1400, 1.0094
YIQ	75.6840, 77.1630, 5.7630

Conversions

Conversions Part 2

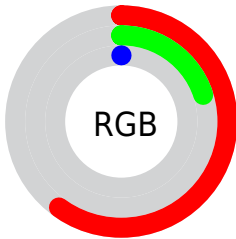
Format	Color
R_{YB}	153, 77, 0
Decimal	10040064
CIE _{Lab}	36.25, 40.83, 48.08
CIE _{LCh}	36, 63.075, 49.659
Yxy	9.1405, 0.5852, 0.3735
Android (android.graphics.Color)	4288230144 (0xFF993300)
YUV	75.6840, -37.3122, 67.8061
Hunter-Lab	30.2324, 31.6466, 19.1831

Details

The HunterLab color **30.2324, 31.6466, 19.1831** is a dark color, and the websafe version is hex **993300**, and the color name is **brown**. A complement of this color would be **34.3533, -5.5574, -30.9417**, and the grayscale version is **26.8813, -1.4343, 1.4605**.

A 20% lighter version of the original color is **49.0285, 34.6377, 27.0300**, and **15.2550, 26.1247, 9.8574** is the 20% darker color. If you saturate the color by 10%, you get **30.2331, 31.6441, 19.1835**, and if you desaturate by 10%, it is **31.8860, 27.6384, 19.2704**.

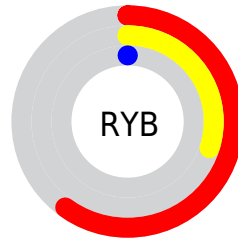
Distribution



Red (60%)

Green (20%)

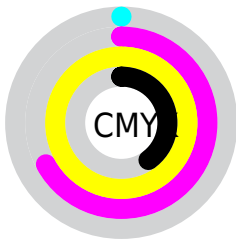
Blue (0%)



Red (60%)

Yellow (30%)

Blue (0%)

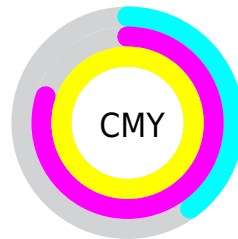


Cyan (0%)

Magenta (67%)

Yellow (100%)

Black (40%)



Cyan (40%)

Magenta (80%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 30.2324, 31.6466, 19.1831 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 30.2324, 31.6466, 19.1831 by changing the saturation by 10% instead.

30.2324, 31.6466,
19.1831

30.2324, 31.6466,
19.1831

135.8023, 41.9068,
49.5009

21.9840, 29.9548,
15.3888

49.1588, 34.6657,
27.0623

14.6615, 28.2003,
10.2630

59.7096, 35.9956,
30.6643

8.3204, 27.1557,
5.8243

70.9230, 37.2140,
34.0928

0.0000, INF, NaN

0.0000, NaN, NaN

82.7618, 38.3294,
37.3780

0.0000, NaN, NaN

95.1946, 39.3496,
40.5440

0.0000, NaN, NaN


108.1944, 40.2818,


0.0000, NaN, NaN


43.6100


0.0000, NaN, NaN


 121.7373, 41.1324,
46.5914

 30.2324, 31.6466,
19.1831


 30.2324, 31.6466,
19.1831


 30.2331, 31.6441,
19.1835

 31.8860, 27.6384,
19.2704

 33.8044, 23.5227,
19.0163

 35.9777, 19.4758,
18.2674

 38.3820, 15.5880,
17.0599

 40.9933, 11.9113,
15.4465

■ 43.7889, 8.4697,
13.4829

■ 46.7483, 5.2673,
11.2212

■ 49.8534, 2.2965,
8.7067

■ 53.0885, -0.4573,
5.9779

Harmonies

Analogous

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



30.2333, 50.6098, 12.4436



30.2324, 31.6466, 19.1831



30.2333, 6.5161, 21.1008

Triad

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



30.2333, 31.6437, 19.1835



30.2333, -33.4015, 8.1182



30.2333, 14.2915, -68.0037

Complementary

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



30.2324, 31.6466, 19.1831



34.3533, -5.5574, -30.9417

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.



30.2333, -8.9680, -72.8340



30.2324, 31.6466, 19.1831



30.2333, -32.4349, -15.6487

Square

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



30.2333, 31.6437, 19.1835



30.2333, -27.9486, 17.9725



30.2333, -24.7592, -49.2392



30.2333, 38.7411, -38.7343

Rectangle

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



30.2324, 31.6466, 19.1831



30.2333, -8.5108, 21.1187



30.2333, -24.7592, -49.2392



30.2333, 5.9606, -73.0758

Sweetspot

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



30.2333, 31.6437, 19.1835



62.3198, 7.2946, 15.2064



27.8058, 51.0679, -8.7760



28.5585, 4.1888, 7.7096



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



30.2333, 31.6437, 19.1835



40.0761, 43.4129, 25.4547



46.9898, -3.2540, 28.8979



25.5782, -0.3173, 2.7613



27.5875, 28.4866, 17.4980



4.1946, 1.5300, 2.6115

Inverse Universe

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



34.3533, -5.5574, -30.9417



45.5878, -6.8365, -42.2229



17.3689, 32.3783, -91.6047



25.8445, -2.3303, -0.0114



31.3315, -5.2081, -27.9188



4.6144, -1.7583, -1.9720

Previews

White Background



This preview shows how the HunterLab color 30.2324, 31.6466, 19.1831 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 30.2324, 31.6466, 19.1831 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 30.2324, 31.6466, 19.1831 Background



This preview shows how black text looks on a background with the HunterLab color 30.2324, 31.6466, 19.1831.



This preview shows how white text looks on a background with the HunterLab color 30.2324, 31.6466,

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

30.2324, 31.6466, 19.1831

Protanopia

30.6516, -4.5393, 17.8597

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

30.3549, 34.8448, 13.4205

Trichromacy



Original Color

30.2324, 31.6466, 19.1831

Protanomaly

29.4981, 7.9206, 17.7381

Deuteranomaly

29.7766, 12.0977, 18.5600

Tritanomaly

30.2836, 33.5641, 16.5728

Monochromacy



Original Color

30.2324, 31.6466, 19.1831

Achromatopsia

26.8834, -1.4344, 1.4606

Achromatomaly

26.7783, 8.1284, 10.4516

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 30.2324, 31.6466, 19.1831 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(153, 51, 0)` looks like.

```
.text, #text, p{  
    color:rgb(153, 51, 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(153, 51, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 51, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 30.2324, 31.6466, 19.1831 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(153, 51, 0) }
```


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

```
.border{ border-color:rgb(153, 51, 0) }
```

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

Here you see how a box with a 4 pixel rgb(153, 51, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 51, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 51, 0);  
box-shadow:4px 4px 4px 4px rgb(153, 51, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 30.2324, 31.6466, 19.1831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 51, 0) }
```

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

```
.background{ background-color: rgb(153, 51,  
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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