

Converting Colors

HunterLab(31.7875, 48.1761,
8.3092)

Have a look what the booklet for
HunterLab(31.7875, 48.1761,
8.3092) contains.

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Color

**HunterLab(31.8313, 48.1530,
8.3901)**

Conversions

Conversions Part 1

Format	Color
Hex	AB1F4A
RGB	171, 31, 74
RGB Percent	67%, 12%, 29%
CMY	0.3294, 0.8784, 0.7098
CMYK	0.00, 0.82, 0.57, 0.33
HSL	342°, 69%, 40%
HSV	342°, 82%, 67%
XYZ	18.5206, 10.1323, 7.4582
YIQ	77.7620, 69.6370, 43.0530

Conversions

Conversions Part 2

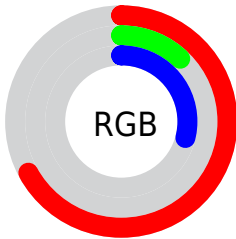
Format	Color
R_{YB}	171, 31, 74
Decimal	11214666
CIE Lab	38.08, 56.77, 11.41
CIE LCh	38, 57.907, 11.363
Yxy	10.1329, 0.5129, 0.2806
Android (android.graphics.Color)	4289404746 (0xFFAB1F4A)
YUV	77.7620, -1.8547, 81.7697
Hunter-Lab	31.8313, 48.1530, 8.3901

Details

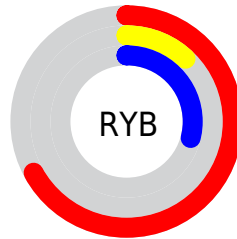
The HunterLab color **31.8313, 48.1530, 8.3901** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.6561, -36.3802, 11.8984**, and the grayscale version is **27.5071, -1.4677, 1.4945**.

A 20% lighter version of the original color is **51.0325, 52.4672, 10.9728**, and **18.8246, 32.7633, 8.0903** is the 20% darker color. If you saturate the color by 10%, you get **30.5272, 50.7991, 10.8062**, and if you desaturate by 10%, it is **33.8385, 43.8029, 6.2477**.

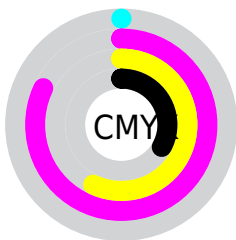
Distribution



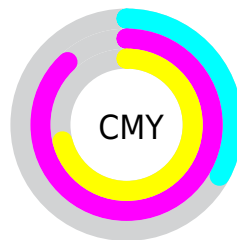
- Red (67%)
- Green (12%)
- Blue (29%)



- Red (67%)
- Yellow (12%)
- Blue (29%)



- Cyan (0%)
- Magenta (82%)
- Yellow (57%)
- Black (33%)



- Cyan (33%)
- Magenta (88%)
- Yellow (71%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 31.8313, 48.1530, 8.3901 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 31.8313, 48.1530, 8.3901 by changing the saturation by 10% instead.

■ 31.8313, 48.1530,
8.3901

■ 31.8313, 48.1530,
8.3901

138.4262, 63.0809,
19.2910

■ 23.4247, 46.0786,
7.1143

■ 51.0345, 52.1551,
10.8417

■ 15.9243, 44.1395,
5.7677

■ 61.7094, 54.0155,
12.0441

■ 9.4579, 42.8534,
5.5153

■ 73.0396, 55.7704,
13.2419

0.0000, INF, NaN

0.0000, INF, NaN

■ 84.9892, 57.4217,
14.4400

0.0000, NaN, NaN

■ 97.5275, 58.9733,
15.6417

0.0000, NaN, NaN

■ 110.6281, 60.4303,

0.0000, NaN, NaN

16.8496

0.0000, NaN, NaN

124.2678, 61.7979,
18.0656

■ 31.8313, 48.1530,
8.3901

■ 31.8313, 48.1530,
8.3901

■ 30.5272, 50.7991,
10.8062

■ 33.8385, 43.8029,
6.2477

■ 29.8504, 51.9658,
12.7299

■ 36.5226, 38.1699,
4.5359

■ 39.8191, 31.7405,
3.3189

■ 43.6464, 24.9245,
2.5853

■ 47.9242, 18.0001,
2.2831

■ 52.5816, 11.1279,
2.3471

■ 57.5594, 4.3864,
2.7140

■ 62.8096, -2.1959,
3.3289

■ 68.2938, -8.6181,
4.1469

Harmonies

Analogous

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



31.8322, 46.1194, -13.0917



31.8313, 48.1530, 8.3901



31.8322, 34.4899, 18.0707

Triad

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



31.8322, 48.1497, 8.3909



31.8322, -24.1701, 19.1554



31.8322, -13.5683, -60.0844

Complementary

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



31.8313, 48.1530, 8.3901



55.6561, -36.3802, 11.8984

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.



31.8322, -26.6259, -35.3728



31.8313, 48.1530, 8.3901



31.8322, -31.5651, 11.7004

Square

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



31.8322, 48.1497, 8.3909



31.8322, -9.2484, 21.1258



31.8322, -32.3295, -6.7715



31.8322, 6.6242, -63.2975

Rectangle

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



31.8313, 48.1530, 8.3901



31.8322, 19.9768, 20.3478



31.8322, -32.3295, -6.7715



31.8322, -18.7841, -53.5154

Sweetspot

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



31.8322, 48.1497, 8.3909



68.0851, 18.1661, 3.0596



28.9959, 51.1048, -60.0190



31.1495, 10.0616, 1.4326



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



31.8322, 48.1497, 8.3909



40.0746, 69.1530, 17.0346



34.1339, 36.9529, 19.4269



28.3802, 1.2977, 1.3735



25.9339, 45.1793, 10.8144



4.4386, 7.9492, 0.1709

Inverse Universe

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



31.8322, 48.1497, 8.3909



40.0746, 69.1530, 17.0346



48.5646, -18.4876, -17.4351



28.3802, 1.2977, 1.3735



25.9339, 45.1793, 10.8144



4.4386, 7.9492, 0.1709

Previews

White Background



This preview shows how the HunterLab color 31.8313, 48.1530, 8.3901 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 × Fail

Black Background



This preview shows how the HunterLab color 31.8313, 48.1530, 8.3901 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

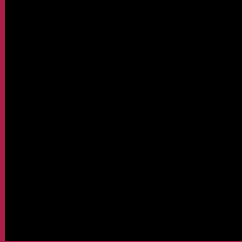
Any Text WCAG AA × Fail

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 31.8313, 48.1530, 8.3901 Background



This preview shows how black text looks on a background with the HunterLab color 31.8313, 48.1530, 8.3901.



This preview shows how white text looks on a background with the HunterLab color 31.8313, 48.1530,

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

31.8313, 48.1530, 8.3901

Protanopia

32.2420, -0.0963, -3.2500

Deuteranopia

32.2642, 2.2129, 10.1616



Tritanopia

31.9746, 43.0602, 16.5665

Trichromacy



Original Color

31.8313, 48.1530, 8.3901

Protanomaly

29.9180, 17.2561, -1.3282

Deuteranomaly

30.4660, 19.7618, 7.8426

Tritanomaly

31.8217, 44.6173, 14.1140

Monochromacy



Original Color

31.8313, 48.1530, 8.3901

Achromatopsia

27.6017, -1.4728, 1.4997

Achromatomaly

27.0519, 16.6005, 1.5715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 31.8313, 48.1530, 8.3901 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(171, 31, 74)` looks like.

```
.text, #text, p{  
  color:rgb(171, 31, 74)  
}
```

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(171, 31, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 31, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 31.8313, 48.1530, 8.3901 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(171, 31, 74) }
```


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

```
.border{ border-color:rgb(171, 31, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 31, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 31, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 31, 74);  
box-shadow:4px 4px 4px 4px rgb(171, 31,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 31.8313, 48.1530, 8.3901 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 31, 74) }
```

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

```
.background{ background-color: rgb(171, 31,  
74) }
```

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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