

Converting Colors

HunterLab(29.7081, 51.4974,
14.3795)

Have a look what the booklet for
HunterLab(29.7081, 51.4974,
14.3795) contains.

HunterLab(29.7318, 51.5282, 14.4708)	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(29.7318, 51.5282,
14.4708)**

Conversions

Conversions Part 1

Format	Color
Hex	AB002C
RGB	171, 0, 44
RGB Percent	67%, 0%, 17%
CMY	0.3294, 0.9999, 0.8274
CMYK	0.00, 1.00, 0.74, 0.33
HSL	345°, 100%, 34%
HSV	345°, 100%, 67%
XYZ	17.2492, 8.8398, 3.1800
YIQ	56.1450, 87.7920, 49.9360

Conversions

Conversions Part 2

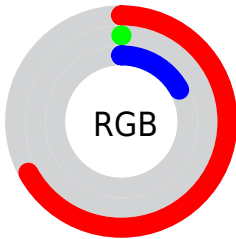
Format	Color
RYB	171, 0, 44
Decimal	11206700
CIELab	35.68, 60.35, 27.50
CIElCh	36, 66.318, 24.501
Yxy	8.8404, 0.5893, 0.3020
Android (android.graphics.Color)	4289396780 (0xFFAB002C)
YUV	56.1450, -5.9875, 100.7278
Hunter-Lab	29.7318, 51.5282, 14.4708

Details

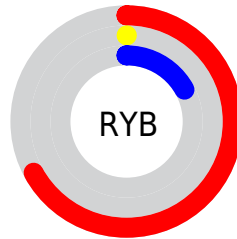
The HunterLab color **29.7318, 51.5282, 14.4708** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **55.3705, -37.5951, 11.9507**, and the grayscale version is **19.9397, -1.0639, 1.0834**.

A 20% lighter version of the original color is **48.4703, 55.6039, 19.2797**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.7314, 51.5271, 14.4746**, and if you desaturate by 10%, it is **30.5863, 49.9339, 12.2930**.

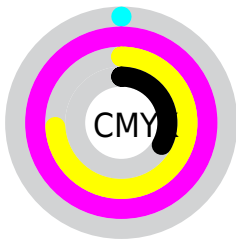
Distribution



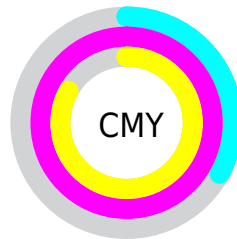
- Red (67%)
- Green (0%)
- Blue (17%)



- Red (67%)
- Yellow (0%)
- Blue (17%)



- Cyan (0%)
- Magenta (100%)
- Yellow (74%)
- Black (33%)



- Cyan (33%)
- Magenta (100%)
- Yellow (83%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.7318, 51.5282, 14.4708 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 29.7318, 51.5282, 14.4708 by changing the saturation by 10% instead.

■ 29.7318, 51.5282,
14.4708

■ 29.7318, 51.5282,
14.4708

134.9750, 67.6096,
33.5901

■ 21.5342, 49.4252,
11.8048

■ 48.5697, 55.7398,
19.2650

■ 14.2689, 47.6172,
9.9882

■ 59.0810, 57.7314,
21.4829

■ 7.9263, 48.3935,
5.5484

■ 70.2571, 59.6228,
23.6195

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.0606, 61.4120,
25.6934

0.0000, NaN, NaN

■ 94.4599, 63.1011,
27.7181

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 107.4275, 64.6939,

29.7041

0.0000, NaN, NaN

120.9396, 66.1952,
31.6593

29.7318, 51.5282,
14.4708

29.7318, 51.5282,
14.4708

29.7314, 51.5271,
14.4746

30.5863, 49.9339,
12.2930

32.0153, 46.8957,
9.9995

34.1543, 42.2459,
7.8909

36.9688, 36.4331,
6.1275

40.3865, 29.9426,
4.7821

■ 44.3236, 23.1577,
3.8575

■ 48.6998, 16.3270,
3.3162

■ 53.4452, 9.5873,
3.1055

■ 58.5022, 3.0004,
3.1719

Harmonies

Analogous

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



29.7327, 57.8685, -2.7890



29.7318, 51.5282, 14.4708



29.7327, 29.3612, 19.7649

Triad

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



29.7327, 51.5245, 14.4714



29.7327, -30.0976, 17.3000



29.7327, -5.7839, -80.4664

Complementary

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



29.7318, 51.5282, 14.4708



55.3705, -37.5951, 11.9507

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.



29.7327, -23.4898, -58.6955



29.7318, 51.5282, 14.4708



29.7327, -34.4595, 5.4399

Square

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



29.7327, 51.5245, 14.4714



29.7327, -18.0618, 20.6509



29.7327, -32.4837, -22.2089



29.7327, 19.5003, -69.7670

Rectangle

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



29.7318, 51.5282, 14.4708



29.7327, 11.4358, 20.8129



29.7327, -32.4837, -22.2089



29.7327, -12.6960, -76.3959

Sweetspot

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



29.7327, 51.5245, 14.4714



64.8393, 22.3481, 4.4655



27.0769, 57.2227, -66.6777



29.4619, 12.3185, 2.2264



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.



29.7327, 51.5245, 14.4714



39.7516, 68.8204, 19.9149



31.8909, 42.4267, 20.3922



28.3688, 1.2366, 1.5353



25.8288, 44.7919, 12.3544



4.4103, 7.8460, 0.5763

Inverse Universe

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



29.7327, 51.5245, 14.4714



39.7516, 68.8204, 19.9149



43.8197, -13.6199, -25.3669



28.3688, 1.2366, 1.5353



25.8288, 44.7919, 12.3544



4.4103, 7.8460, 0.5763

Previews

White Background



This preview shows how the HunterLab color 29.7318, 51.5282, 14.4708 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 29.7318, 51.5282, 14.4708 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

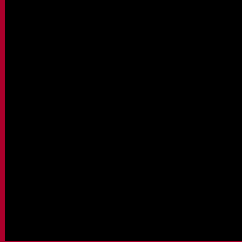
Any Text WCAG AA × Fail

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 29.7318, 51.5282, 14.4708 Background



This preview shows how black text looks on a background with the HunterLab color 29.7318, 51.5282, 14.4708.



This preview shows how white text looks on a background with the HunterLab color 29.7318, 51.5282, 14.4708.

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

29.7318, 51.5282, 14.4708

Protanopia

30.8819, -2.5671, 9.0887

Deuteranopia

30.8156, 1.5707, 15.9565



Tritanopia

30.0087, 47.7742, 18.6404

Trichromacy



Original Color

29.7318, 51.5282, 14.4708

Protanomaly

26.6511, 20.4381, 7.8747

Deuteranomaly

27.4070, 23.5695, 13.3338

Tritanomaly

29.7512, 49.1039, 17.4701

Monochromacy



Original Color

29.7318, 51.5282, 14.4708

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.2641, 19.9241, 3.3299

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.7318, 51.5282, 14.4708 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, 0, 44)` looks like.

```
.text, #text, p{  
    color:rgb(171, 0, 44)  
}
```

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, 0, 44) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 44) }
```

Border

The CSS property to change the border of an element to HunterLab 29.7318, 51.5282, 14.4708 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, 0, 44) }
```


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

```
.border{ border-color:rgb(171, 0, 44) }
```

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

Here you see how a box with a 4 pixel rgb(171, 0, 44) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 44); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 44);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 44)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.7318, 51.5282, 14.4708 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 0, 44) }
```

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

```
.background{ background-color: rgb(171, 0,  
44) }
```

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