

Converting Colors

HunterLab(29.4422, 50.1822,
19.0206)

Have a look what the booklet for
HunterLab(29.4422, 50.1822,
19.0206) contains.

HunterLab(29.4612, 50.2639, 19.0338)	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(29.4612, 50.2639,
19.0338)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0100
RGB	171, 1, 0
RGB Percent	67%, 0%, 0%
CMY	0.3294, 0.9960, 1.0000
CMYK	0.00, 0.99, 1.00, 0.33
HSL	0°, 100%, 34%
HSV	0°, 100%, 67%
XYZ	16.8054, 8.6796, 0.7896
YIQ	51.7160, 101.6410, 35.7290

Conversions

Conversions Part 2

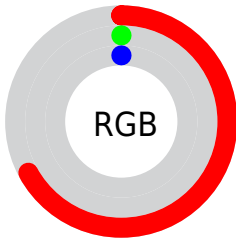
Format	Color
R_{YB}	171, 1, 0
Decimal	11206912
CIE Lab	35.36, 59.25, 49.67
CIE LCh	35, 77.317, 39.974
Yxy	8.6802, 0.6396, 0.3304
Android (android.graphics.Color)	4289396992 (0xFFAB0100)
YUV	51.7160, -25.4960, 104.6121
Hunter-Lab	29.4612, 50.2639, 19.0338

Details

The HunterLab color **29.4612, 50.2639, 19.0338** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.2840, -29.6140, -6.4219**, and the grayscale version is **18.4996, -0.9871, 1.0051**.

A 20% lighter version of the original color is **48.3039, 54.1906, 27.1468**, and **17.8554, 30.5779, 11.5377** is the 20% darker color. If you saturate the color by 10%, you get **29.4621, 50.2601, 19.0343**, and if you desaturate by 10%, it is **30.2193, 48.2002, 18.4163**.

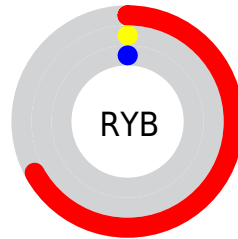
Distribution



Red (67%)

Green (0%)

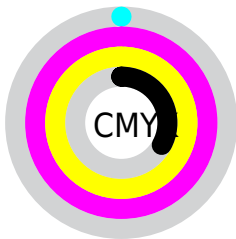
Blue (0%)



Red (67%)

Yellow (0%)

Blue (0%)

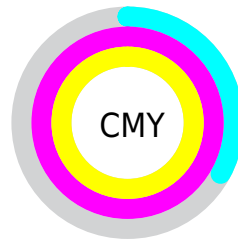


Cyan (0%)

Magenta (99%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4612, 50.2639, 19.0338 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 29.4612, 50.2639, 19.0338 by changing the saturation by 10% instead.

■ 29.4612, 50.2639,
19.0338

■ 29.4612, 50.2639,
19.0338

■ 134.5265, 66.0817,
50.3344

■ 21.2912, 48.1741,
14.9039

■ 48.2509, 54.4277,
27.1717

■ 14.0572, 46.3648,
9.8401

■ 58.7406, 56.3906,
30.9000

■ 7.7039, 47.5678,
5.3928

■ 69.8964, 58.2517,
34.4457

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.6808, 60.0098,
37.8397

0.0000, NaN, NaN

■ 94.0618, 61.6674,
41.1074

0.0000, NaN, NaN


0.0000, NaN, NaN

■ 107.0119, 63.2288,


44.2687


0.0000, NaN, NaN


 120.5073, 64.6986,
47.3399


 29.4612, 50.2639,
19.0338


 29.4612, 50.2639,
19.0338


 29.4621, 50.2601,
19.0343

 30.2193, 48.2002,
18.4163

 31.5879, 44.6733,
17.3772

 33.7006, 39.6872,
15.8895

 36.5219, 33.7350,
14.1127

 39.9745, 27.3135,
12.2081

■ 43.9681, 20.7907,
10.2948

■ 48.4166, 14.3854,
8.4426

■ 53.2459, 8.2020,
6.6836

■ 58.3950, 2.2736,
5.0264

Harmonies

Analogous

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



29.4622, 69.7821, 8.9934



29.4612, 50.2639, 19.0338



29.4622, 18.5911, 20.6235

Triad

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



29.4622, 50.2600, 19.0343



29.4622, -36.3988, 14.0715



29.4622, 8.0570, -101.7500

Complementary

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



29.4612, 50.2639, 19.0338



56.2840, -29.6140, -6.4219

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.



29.4622, -17.4485, -94.0998



29.4612, 50.2639, 19.0338



29.4622, -37.4458, -8.3958

Square

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



29.4622, 50.2600, 19.0343



29.4622, -28.2346, 20.3820



29.4622, -31.9244, -51.7120



29.4622, 40.1855, -67.8170

Rectangle

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



29.4612, 50.2639, 19.0338



29.4622, -1.5499, 20.6235



29.4622, -31.9244, -51.7120



29.4622, -1.5973, -104.3732

Sweetspot

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



29.4622, 50.2600, 19.0343



64.4648, 19.6998, 11.4272



34.0560, 66.9551, -44.9178



29.2653, 10.9486, 5.8703



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.



29.4622, 50.2600, 19.0343



39.4143, 67.3094, 25.4653



39.0306, 23.5403, 24.4625



28.3245, 0.9044, 2.3699



25.5860, 43.6196, 16.5296



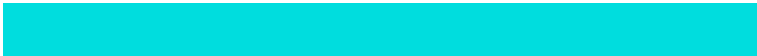
4.2961, 7.1780, 2.7729

Inverse Universe

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



56.2840, -29.6140, -6.4219



75.3151, -39.6219, -8.6049



30.8484, 7.5741, -54.9082



30.1060, -3.8765, 0.8521



48.8717, -25.7160, -5.5718



8.1671, -4.3079, -0.9086

Previews

White Background



This preview shows how the HunterLab color 29.4612, 50.2639, 19.0338 looks on a white background.

Color Contrast Check

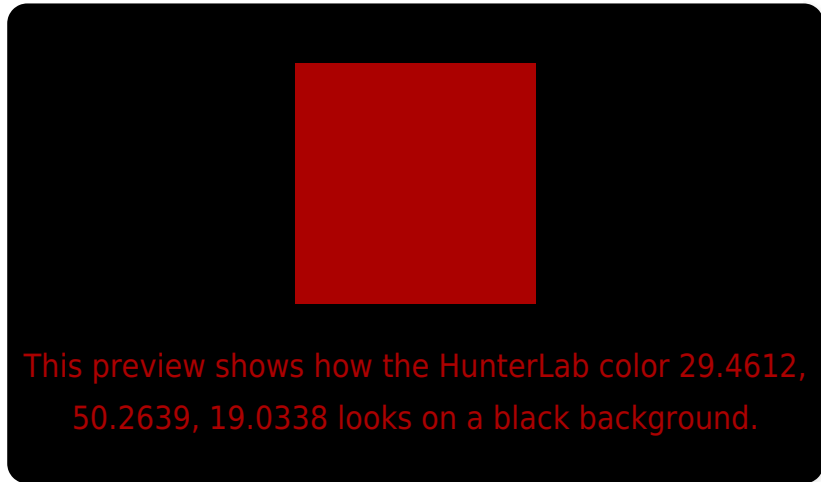
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



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 29.4612, 50.2639, 19.0338 Background



This preview shows how black text looks on a background with the HunterLab color 29.4612, 50.2639, 19.0338.



This preview shows how white text looks on a background with the HunterLab color 29.4612, 50.2639, 19.0338.

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

29.4612, 50.2639, 19.0338

Protanopia

30.4219, -3.9374, 17.1975

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

29.8607, 47.9479, 19.2394

Trichromacy



Original Color

29.4612, 50.2639, 19.0338

Protanomaly

26.5503, 19.1385, 15.7674

Deuteranomaly

27.2979, 22.7765, 17.2196

Tritanomaly

29.6402, 48.6844, 19.1164

Monochromacy



Original Color

29.4612, 50.2639, 19.0338

Achromatopsia

18.5310, -0.9888, 1.0068

Achromatomaly

19.0536, 18.5347, 7.5879

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4612, 50.2639, 19.0338 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, 1, 0)` looks like.

```
.text, #text, p{  
    color:rgb(171, 1, 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(171, 1, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 1, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4612, 50.2639, 19.0338 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, 1, 0) }
```


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

```
.border{ border-color:rgb(171, 1, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 1, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 1, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(171, 1, 0); box-shadow:4px  
4px 4px 4px rgb(171, 1, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.4612, 50.2639, 19.0338 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 1, 0) }
```

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

```
.background{ background-color: rgb(171, 1,  
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