

Converting Colors

HunterLab(29.9319, 51.3570,
18.5836)

Have a look what the booklet for
HunterLab(29.9319, 51.3570,
18.5836) contains.

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Color

**HunterLab(29.8551, 51.2252,
18.5372)**

Conversions

Conversions Part 1

Format	Color
Hex	AD000D
RGB	173, 0, 13
RGB Percent	68%, 0%, 5%
CMY	0.3216, 0.9999, 0.9490
CMYK	0.00, 1.00, 0.92, 0.32
HSL	356°, 100%, 34%
HSV	356°, 100%, 68%
XYZ	17.3062, 8.9133, 1.1891
YIQ	53.2090, 98.9350, 40.7190

Conversions

Conversions Part 2

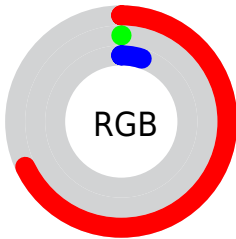
Format	Color
RYB	173, 0, 13
Decimal	11337741
CIELab	35.82, 60.04, 44.97
CIElCh	36, 75.014, 36.831
Yxy	8.9138, 0.6314, 0.3252
Android (android.graphics.Color)	4289527821 (0xFFAD000D)
YUV	53.2090, -19.8230, 105.0567
Hunter-Lab	29.8551, 51.2252, 18.5372

Details

The HunterLab color **29.8551, 51.2252, 18.5372** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.9439, -32.9104, -0.1290**, and the grayscale version is **18.9856, -1.0130, 1.0315**.

A 20% lighter version of the original color is **48.7535, 55.4165, 25.9800**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.8549, 51.2245, 18.5388**, and if you desaturate by 10%, it is **30.6334, 49.3006, 17.4891**.

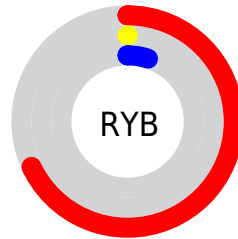
Distribution



Red (68%)

Green (0%)

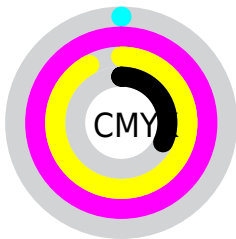
Blue (5%)



Red (68%)

Yellow (0%)

Blue (5%)

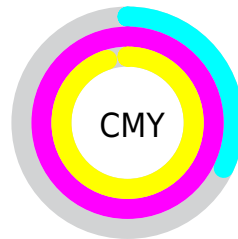


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8551, 51.2252, 18.5372 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 29.8551, 51.2252, 18.5372 by changing the saturation by 10% instead.

■ 29.8551, 51.2252,
18.5372

■ 29.8551, 51.2252,
18.5372

■ 135.1791, 67.2159,
47.1934

■ 21.6449, 49.1230,
15.1514

■ 48.7149, 55.4211,
25.9778

■ 14.3655, 47.3025,
10.0558

■ 59.2360, 57.4025,
29.3757

■ 8.0254, 47.8253,
5.6178

■ 70.4213, 59.2832,
32.6114

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.2336, 61.0615,
35.7142

0.0000, NaN, NaN

■ 94.6411, 62.7396,
38.7073

0.0000, NaN, NaN


■ 107.6167, 64.3215,


0.0000, NaN, NaN


41.6089


0.0000, NaN, NaN


 121.1364, 65.8121,
44.4337


 29.8551, 51.2252,
18.5372


 29.8551, 51.2252,
18.5372


 29.8549, 51.2245,
18.5388

 30.6334, 49.3006,
17.4891

 32.0219, 45.9569,
15.9386

 34.1626, 41.0623,
14.1056

 37.0197, 35.1010,
12.1778

 40.5155, 28.5790,
10.3065

■ 44.5587, 21.8812,
8.5828

■ 49.0625, 15.2439,
7.0450

■ 53.9519, 8.7857,
5.6971

■ 59.1652, 2.5505,
4.5258

Harmonies

Analogous

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



29.8561, 67.8569, 6.8420



29.8551, 51.2252, 18.5372



29.8561, 21.2561, 20.8992

Triad

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



29.8561, 51.2213, 18.5377



29.8561, -35.5187, 15.1115



29.8561, 4.7212, -97.9359

Complementary

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



29.8551, 51.2252, 18.5372



56.9439, -32.9104, -0.1290

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.



29.8561, -19.1385, -86.3283



29.8551, 51.2252, 18.5372



29.8561, -37.2490, -4.7450

Square

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



29.8561, 51.2213, 18.5377



29.8561, -26.4426, 20.6615



29.8561, -32.4476, -44.5843



29.8561, 35.5724, -69.2012

Rectangle

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



29.8551, 51.2252, 18.5372



29.8561, 1.2797, 20.8992



29.8561, -32.4476, -44.5843



29.8561, -4.3642, -98.8473

Sweetspot

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



29.8561, 51.2213, 18.5377



65.3188, 20.8760, 9.5329



32.1657, 64.4593, -51.9244



29.2807, 11.4089, 4.8227



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.



29.8561, 51.2213, 18.5377



39.9390, 68.4967, 25.0326



36.7857, 30.5259, 23.2002



28.3280, 1.0165, 2.1187



25.5961, 43.9312, 15.7879



4.3051, 7.4602, 2.1028

Inverse Universe

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



29.8561, 51.2213, 18.5377



39.9390, 68.4967, 25.0326



35.0867, 0.6130, -45.1755



28.3280, 1.0165, 2.1187



25.5961, 43.9312, 15.7879



4.3051, 7.4602, 2.1028

Previews

White Background



This preview shows how the HunterLab color 29.8551, 51.2252, 18.5372 looks on a white background.

Color Contrast Check

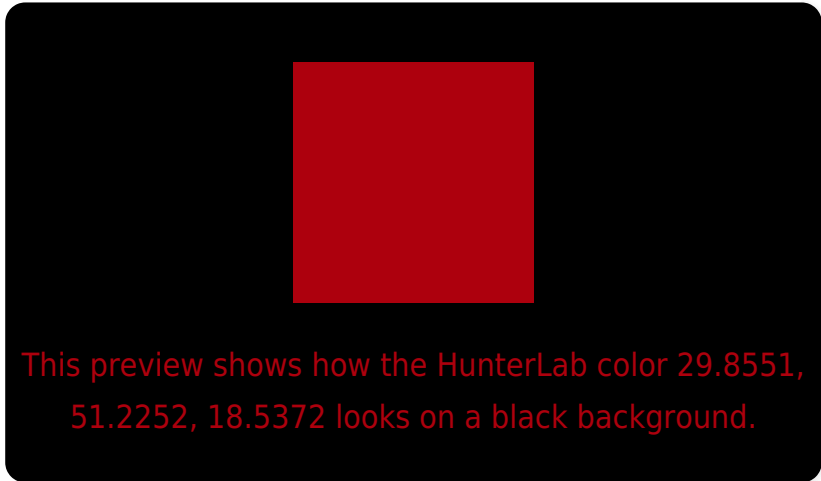
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8551, 51.2252, 18.5372 Background



This preview shows how black text looks on a background with the HunterLab color 29.8551, 51.2252, 18.5372.



This preview shows how white text looks on a background with the HunterLab color 29.8551, 51.2252, 18.5372.

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

29.8551, 51.2252, 18.5372

Protanopia

30.8170, -3.7991, 16.8092

Deuteranopia

30.8245, 1.2071, 19.0151



Tritanopia

30.2345, 48.6274, 19.4817

Trichromacy



Original Color

29.8551, 51.2252, 18.5372

Protanomaly

26.7474, 19.7828, 15.0311

Deuteranomaly

27.4658, 23.2506, 17.0214

Tritanomaly

29.9978, 49.5489, 19.0682

Monochromacy



Original Color

29.8551, 51.2252, 18.5372

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.5586, 19.1771, 6.8289

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8551, 51.2252, 18.5372 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(173, 0, 13)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 13)  
}
```

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(173, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8551, 51.2252, 18.5372 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(173, 0, 13) }
```


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

```
.border{ border-color:rgb(173, 0, 13) }
```

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

Here you see how a box with a 4 pixel rgb(173, 0, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 13)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8551, 51.2252, 18.5372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 0, 13) }
```

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

```
.background{ background-color: rgb(173, 0,  
13) }
```

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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