

Converting Colors

HunterLab(29.9150, 51.2942,
18.8345)

Have a look what the booklet for
HunterLab(29.9150, 51.2942,
18.8345) contains.

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Color

**HunterLab(29.8395, 51.1672,
18.7692)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0009
RGB	173, 0, 9
RGB Percent	68%, 0%, 4%
CMY	0.3216, 0.9999, 0.9647
CMYK	0.00, 1.00, 0.95, 0.32
HSL	357°, 100%, 34%
HSV	357°, 100%, 68%
XYZ	17.2829, 8.9040, 1.0662
YIQ	52.7530, 100.2190, 39.4750

Conversions

Conversions Part 2

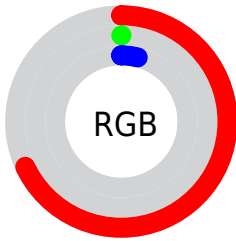
Format	Color
RYB	173, 0, 9
Decimal	11337737
CIELab	35.80, 59.99, 46.52
CIElCh	36, 75.917, 37.791
Yxy	8.9045, 0.6342, 0.3267
Android (android.graphics.Color)	4289527817 (0xFFAD0009)
YUV	52.7530, -21.5702, 105.4566
Hunter-Lab	29.8395, 51.1672, 18.7692

Details

The HunterLab color **29.8395, 51.1672, 18.7692** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **57.0688, -32.1621, -1.9004**, and the grayscale version is **18.8370, -1.0051, 1.0235**.

A 20% lighter version of the original color is **48.7225, 55.2834, 26.4376**, and **18.2071, 31.1803, 11.7650** is the 20% darker color. If you saturate the color by 10%, you get **29.8393, 51.1666, 18.7706**, and if you desaturate by 10%, it is **30.6060, 49.1960, 17.8944**.

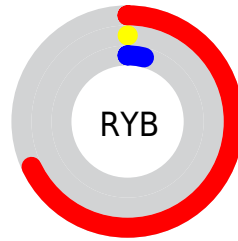
Distribution



Red (68%)

Green (0%)

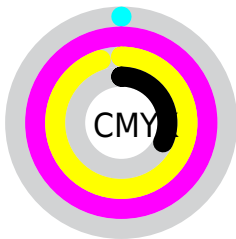
Blue (4%)



Red (68%)

Yellow (0%)

Blue (4%)

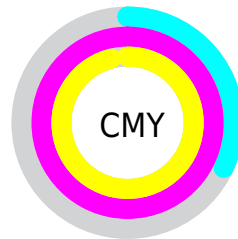


Cyan (0%)

Magenta (100%)

Yellow (95%)

Black (32%)



Cyan (32%)


Magenta (100%)


Yellow (96%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.8395, 51.1672, 18.7692 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 29.8395, 51.1672, 18.7692 by changing the saturation by 10% instead.


 29.8395, 51.1672,
18.7692


 29.8395, 51.1672,
18.7692


 135.1533, 67.1463,
48.2873


 21.6309, 49.0657,
15.1416

 48.6965, 55.3610,
26.4418

 14.3533, 47.2453,
10.0473

 59.2164, 57.3412,
29.9463

 8.0130, 47.7899,
5.6091


 70.4005, 59.2205,
33.2820

0.0000, INF, NaN

0.0000, NaN, NaN

 82.2117, 60.9974,
36.4790

0.0000, NaN, NaN

 94.6182, 62.6741,
39.5609


0.0000, NaN, NaN


 107.5928, 64.2547,


0.0000, NaN, NaN


42.5466


0.0000, NaN, NaN


 121.1115, 65.7439,
45.4513


 29.8395, 51.1672,
18.7692


 29.8395, 51.1672,
18.7692


 29.8393, 51.1666,
18.7706

 30.6060, 49.1960,
17.8944

 31.9849, 45.8089,
16.4841

 34.1196, 40.8804,
14.7355

 36.9748, 34.8994,
12.8321

 40.4724, 28.3749,
10.9316

■ 44.5205, 21.6919,
9.1352

■ 49.0316, 15.0848,
7.4911

■ 53.9300, 8.6699,
6.0119

■ 59.1538, 2.4884,
4.6903

Harmonies

Analogous

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



29.8405, 68.7427, 7.5460



29.8395, 51.1672, 18.7692



29.8405, 20.5418, 20.8883

Triad

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



29.8405, 51.1633, 18.7697



29.8405, -35.9333, 14.8657



29.8405, 5.7347, -99.5454

Complementary

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



29.8395, 51.1672, 18.7692



57.0688, -32.1621, -1.9004

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.



29.8405, -18.7122, -89.0378



29.8395, 51.1672, 18.7692



29.8405, -37.4580, -5.8323

Square

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



29.8405, 51.1633, 18.7697



29.8405, -27.1036, 20.6479



29.8405, -32.4202, -46.8822



29.8405, 37.1030, -69.1135

Rectangle

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



29.8395, 51.1672, 18.7692



29.8405, 0.4226, 20.8883



29.8405, -32.4202, -46.8822



29.8405, -3.5580, -100.9661

Sweetspot

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



29.8405, 51.1633, 18.7697



65.2767, 20.6606, 10.1386



32.6244, 65.1130, -50.6057



29.2591, 11.2999, 5.1338



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.



29.8405, 51.1633, 18.7697



39.9211, 68.4304, 25.2977



37.3016, 29.2252, 23.4954



28.3228, 0.9889, 2.1919



25.5811, 43.8752, 16.0117



4.2916, 7.4103, 2.3020

Inverse Universe

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



29.8405, 51.1633, 18.7697



39.9211, 68.4304, 25.2977



34.2947, 2.0012, -47.1822



28.3228, 0.9889, 2.1919



25.5811, 43.8752, 16.0117



4.2916, 7.4103, 2.3020

Previews

White Background



This preview shows how the HunterLab color 29.8395, 51.1672, 18.7692 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 29.8395, 51.1672, 18.7692 Background



This preview shows how black text looks on a background with the HunterLab color 29.8395, 51.1672, 18.7692.



This preview shows how white text looks on a background with the HunterLab color 29.8395, 51.1672,

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

29.8395, 51.1672, 18.7692

Protanopia

30.7949, -3.9221, 17.1363

Deuteranopia

30.8245, 1.2071, 19.0151



Tritanopia

30.2345, 48.6274, 19.4817

Trichromacy



Original Color

29.8395, 51.1672, 18.7692

Protanomaly

26.7196, 19.6527, 15.4414

Deuteranomaly

27.4578, 23.2140, 17.1398

Tritanomaly

29.9905, 49.5213, 19.1767

Monochromacy



Original Color

29.8395, 51.1672, 18.7692

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.5423, 19.1047, 7.0661

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8395, 51.1672, 18.7692 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, 9)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 9)  
}
```

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, 9) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 9) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8395, 51.1672, 18.7692 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, 9) }
```


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

```
.border{ border-color:rgb(173, 0, 9) }
```

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, 9)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 9); -webkit-box-shadow:4px  
4px 4px 4px rgb(173, 0, 9); box-shadow:4px  
4px 4px 4px rgb(173, 0, 9) }
```

Background

The CSS property to change the background color of an element to HunterLab 29.8395, 51.1672, 18.7692 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, 9) }
```

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

```
.background{ background-color: rgb(173, 0,  
9) }
```

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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