

Converting Colors

HunterLab(29.9435, 51.4002,
18.4107)

Have a look what the booklet for
HunterLab(29.9435, 51.4002,
18.4107) contains.

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Color

**HunterLab(29.8691, 51.2770,
18.3298)**

Conversions

Conversions Part 1

Format	Color
Hex	AD0010
RGB	173, 0, 16
RGB Percent	68%, 0%, 6%
CMY	0.3216, 0.9999, 0.9373
CMYK	0.00, 1.00, 0.91, 0.32
HSL	354°, 100%, 34%
HSV	354°, 100%, 68%
XYZ	17.3271, 8.9216, 1.2990
YIQ	53.5510, 97.9720, 41.6520

Conversions

Conversions Part 2

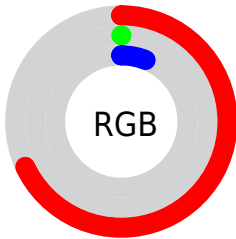
Format	Color
RYB	173, 0, 16
Decimal	11337744
CIELab	35.83, 60.09, 43.67
CIELCh	36, 74.278, 36.008
Yxy	8.9222, 0.6290, 0.3239
Android (android.graphics.Color)	4289527824 (0xFFAD0010)
YUV	53.5510, -18.5126, 104.7568
Hunter-Lab	29.8691, 51.2770, 18.3298

Details

The HunterLab color **29.8691, 51.2770, 18.3298** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.8527, -33.4583, 1.1677**, and the grayscale version is **19.0974, -1.0190, 1.0376**.

A 20% lighter version of the original color is **48.7752, 55.5095, 25.6602**, and **18.3834, 31.4822, 11.8789** is the 20% darker color. If you saturate the color by 10%, you get **29.8688, 51.2763, 18.3317**, and if you desaturate by 10%, it is **30.6562, 49.3874, 17.1527**.

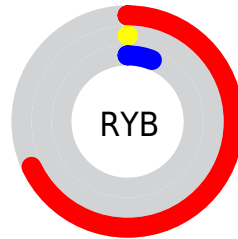
Distribution



Red (68%)

Green (0%)

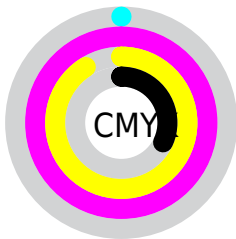
Blue (6%)



Red (68%)

Yellow (0%)

Blue (6%)

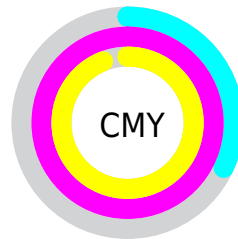


Cyan (0%)

Magenta (100%)

Yellow (91%)

Black (32%)



Cyan (32%)

Magenta (100%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.8691, 51.2770, 18.3298 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 29.8691, 51.2770, 18.3298 by changing the saturation by 10% instead.

■ 29.8691, 51.2770,
18.3298

■ 29.8691, 51.2770,
18.3298

■ 135.2023, 67.2780,
46.2647

■ 21.6575, 49.1743,
14.9930

■ 48.7314, 55.4748,
25.5749

■ 14.3764, 47.3535,
10.0635

■ 59.2535, 57.4573,
28.8837

■ 8.0366, 47.8570,
5.6256

■ 70.4399, 59.3392,
32.0358

0.0000, INF, NaN

0.0000, NaN, NaN

■ 82.2532, 61.1187,
35.0600

0.0000, NaN, NaN

■ 94.6617, 62.7980,
37.9790


0.0000, NaN, NaN


■ 107.6381, 64.3812,


0.0000, NaN, NaN


40.8104


0.0000, NaN, NaN


 121.1587, 65.8730,
43.5686


 29.8691, 51.2770,
18.3298


 29.8691, 51.2770,
18.3298


 29.8688, 51.2763,
18.3317

 30.6562, 49.3874,
17.1527

 32.0516, 46.0752,
15.5021

 34.1964, 41.2047,
13.6120

 37.0546, 35.2566,
11.6718

 40.5487, 28.7350,
9.8276

■ 44.5880, 22.0250,
8.1625

■ 49.0862, 15.3641,
6.7071

■ 53.9686, 8.8728,
5.4596

■ 59.1740, 2.5969,
4.4020

Harmonies

Analogous

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



29.8701, 67.1220, 6.2331



29.8691, 51.2770, 18.3298



29.8701, 21.8598, 20.9090

Triad

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



29.8701, 51.2731, 18.3303



29.8701, -35.1668, 15.3135



29.8701, 3.8808, -96.6051

Complementary

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



29.8691, 51.2770, 18.3298



56.8527, -33.4583, 1.1677

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.



29.8701, -19.4942, -84.0981



29.8691, 51.2770, 18.3298



29.8701, -37.0737, -3.8568

Square

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



29.8701, 51.2731, 18.3303



29.8701, -25.8805, 20.6736



29.8701, -32.4720, -42.7017



29.8701, 34.3050, -69.2796

Rectangle

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



29.8691, 51.2770, 18.3298



29.8701, 2.0057, 20.9090



29.8701, -32.4720, -42.7017



29.8701, -5.0336, -97.0975

Sweetspot

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



29.8701, 51.2731, 18.3303



65.3508, 21.0391, 9.0741



31.7112, 63.8152, -53.2602



29.2971, 11.4916, 4.5866



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.



29.8701, 51.2731, 18.3303



39.9555, 68.5579, 24.7879



36.2867, 31.8073, 22.9152



28.3318, 1.0373, 2.0637



25.6090, 43.9789, 15.5971



4.3152, 7.4976, 1.9542

Inverse Universe

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



29.8701, 51.2731, 18.3303



39.9555, 68.5579, 24.7879



35.8887, -0.7608, -43.2124



28.3318, 1.0373, 2.0637



25.6090, 43.9789, 15.5971



4.3152, 7.4976, 1.9542

Previews

White Background



This preview shows how the HunterLab color 29.8691, 51.2770, 18.3298 looks on a white background.

Color Contrast Check

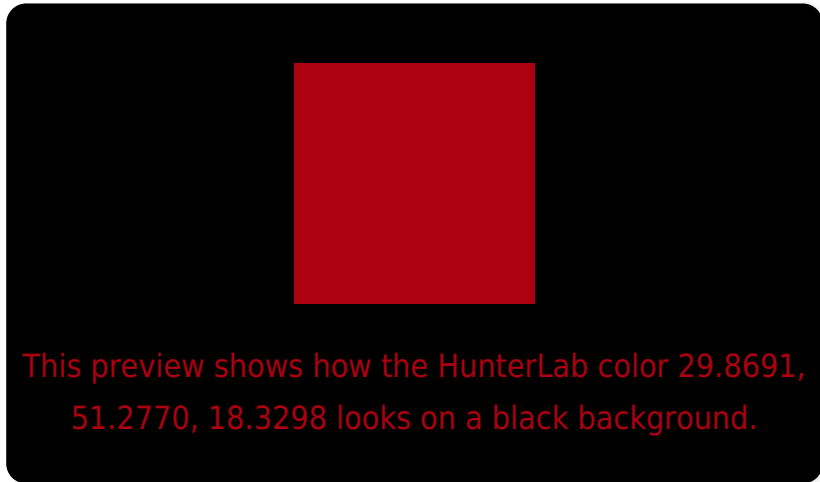
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.8691, 51.2770, 18.3298 Background



This preview shows how black text looks on a background with the HunterLab color 29.8691, 51.2770, 18.3298.



This preview shows how white text looks on a background with the HunterLab color 29.8691, 51.2770,

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

29.8691, 51.2770, 18.3298

Protanopia

30.8415, -3.6633, 16.4482

Deuteranopia

30.8245, 1.2071, 19.0151



Tritanopia

30.2345, 48.6274, 19.4817

Trichromacy



Original Color

29.8691, 51.2770, 18.3298

Protanomaly

26.7711, 19.8941, 14.6801

Deuteranomaly

27.4698, 23.2688, 16.9622

Tritanomaly

30.0015, 49.5627, 19.0140

Monochromacy



Original Color

29.8691, 51.2770, 18.3298

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.5925, 19.3275, 6.3362

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8691, 51.2770, 18.3298 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, 16)` looks like.

```
.text, #text, p{  
    color:rgb(173, 0, 16)  
}
```

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, 16) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 0, 16) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8691, 51.2770, 18.3298 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, 16) }
```


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

```
.border{ border-color:rgb(173, 0, 16) }
```

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, 16) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 0, 16); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 0, 16);  
box-shadow:4px 4px 4px 4px rgb(173, 0, 16)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8691, 51.2770, 18.3298 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, 16) }
```

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

```
.background{ background-color: rgb(173, 0,  
16) }
```

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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