

Converting Colors

HunterLab(29.4247, 50.3888,
19.0135)

Have a look what the booklet for
HunterLab(29.4247, 50.3888,
19.0135) contains.

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Color

**HunterLab(29.4244, 50.3901,
19.0133)**

Conversions

Conversions Part 1

Format	Color
Hex	AB0000
RGB	171, 0, 0
RGB Percent	67%, 0%, 0%
CMY	0.3294, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.33
HSL	0°, 100%, 34%
HSV	0°, 100%, 67%
XYZ	16.7946, 8.6580, 0.7860
YIQ	51.1290, 101.9160, 36.2520

Conversions

Conversions Part 2

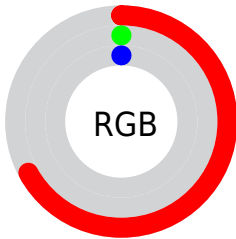
Format	Color
R_{YB}	171, 0, 0
Decimal	11206656
CIE Lab	35.32, 59.38, 49.65
CIE LCh	35, 77.398, 39.902
Yxy	8.6585, 0.6401, 0.3300
Android (android.graphics.Color)	4289396736 (0xFFAB0000)
YUV	51.1290, -25.2066, 105.1269
Hunter-Lab	29.4244, 50.3901, 19.0133

Details

The HunterLab color **29.4244, 50.3901, 19.0133** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.6173, -30.0095, -5.9846**, and the grayscale version is **18.3013, -0.9765, 0.9943**.

A 20% lighter version of the original color is **48.1577, 54.6062, 27.0531**, and **17.8554, 30.5779, 11.5377** is the 20% darker color. If you saturate the color by 10%, you get **29.4253, 50.3864, 19.0138**, and if you desaturate by 10%, it is **30.1720, 48.3573, 18.3881**.

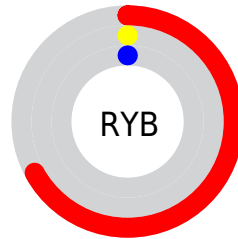
Distribution



Red (67%)

Green (0%)

Blue (0%)



Red (67%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.4244, 50.3901, 19.0133 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 29.4244, 50.3901, 19.0133 by changing the saturation by 10% instead.

■ 29.4244, 50.3901,
19.0133

■ 29.4244, 50.3901,
19.0133

■ 134.4655, 66.2441,
50.3067

■ 21.2582, 48.2996,
14.8808

■ 48.2075, 54.5602,
27.1493

■ 14.0285, 46.4946,
9.8199

■ 58.6943, 56.5271,
30.8769

■ 7.6731, 47.7937,
5.3712

■ 69.8473, 58.3926,
34.4219

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.6291, 60.1550,
37.8152

0.0000, NaN, NaN

■ 94.0076, 61.8170,
41.0820

0.0000, NaN, NaN


■ 106.9554, 63.3826,


0.0000, NaN, NaN


44.2425


0.0000, NaN, NaN


 120.4484, 64.8567,
47.3130


 29.4244, 50.3901,
19.0133


 29.4244, 50.3901,
19.0133

 29.4253, 50.3864,
19.0138

 30.1720, 48.3573,
18.3881

 31.5142, 44.9045,
17.3291

 33.6085, 39.9542,
15.8221

 36.4213, 34.0011,
14.0304

 39.8750, 27.5527,
12.1185

■ 43.8779, 20.9884,
10.2072

■ 48.3423, 14.5352,
8.3660

■ 53.1927, 8.3016,
6.6261

■ 58.3670, 2.3230,
4.9948

Harmonies

Analogous

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



29.4254, 69.8905, 8.9496



29.4244, 50.3901, 19.0133



29.4254, 18.6874, 20.5977

Triad

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



29.4254, 50.3862, 19.0138



29.4254, -36.3849, 14.0984



29.4254, 7.9935, -101.9794

Complementary

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



29.4244, 50.3901, 19.0133



56.6173, -30.0095, -5.9846

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.



29.4254, -17.5005, -94.2029



29.4244, 50.3901, 19.0133



29.4254, -37.4456, -8.3254

Square

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



29.4254, 50.3862, 19.0138



29.4254, -28.2071, 20.3838



29.4254, -31.9475, -51.6773



29.4254, 40.1547, -68.0441

Rectangle

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



29.4244, 50.3901, 19.0133



29.4254, -1.4823, 20.5977



29.4254, -31.9475, -51.6773



29.4254, -1.6609, -104.5713

Sweetspot

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



29.4254, 50.3862, 19.0138



64.3639, 19.9040, 11.3236



34.0561, 66.9552, -44.9178



29.2131, 11.0577, 5.8181



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.



29.4254, 50.3862, 19.0138



39.3786, 67.4318, 25.4454



39.0307, 23.5402, 24.4626



28.3118, 0.9267, 2.3557



25.5487, 43.7474, 16.5088



4.2621, 7.2939, 2.7540

Inverse Universe

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



56.6173, -30.0095, -5.9846



75.7689, -40.1606, -8.0093



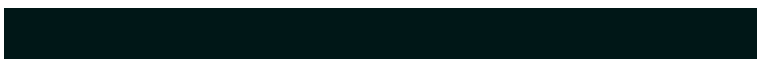
30.8485, 7.5740, -54.9080



30.1196, -3.8981, 0.8680



49.1581, -26.0559, -5.1961



8.1995, -4.3464, -0.8661

Previews

White Background



This preview shows how the HunterLab color 29.4244, 50.3901, 19.0133 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

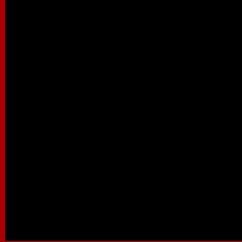
Any Text WCAG AA × Fail

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 29.4244, 50.3901, 19.0133 Background



This preview shows how black text looks on a background with the HunterLab color 29.4244, 50.3901, 19.0133.



This preview shows how white text looks on a background with the HunterLab color 29.4244, 50.3901,

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

29.4244, 50.3901, 19.0133

Protanopia

30.4219, -3.9374, 17.1975

Deuteranopia

30.4726, 1.2901, 18.7997



Tritanopia

29.8607, 47.9479, 19.2394

Trichromacy



Original Color

29.4244, 50.3901, 19.0133

Protanomaly

26.5503, 19.1385, 15.7674

Deuteranomaly

27.1321, 23.2008, 17.1249

Tritanomaly

29.6026, 48.8107, 19.0955

Monochromacy



Original Color

29.4244, 50.3901, 19.0133

Achromatopsia

18.1947, -0.9708, 0.9886

Achromatomaly

18.8950, 18.8593, 7.6853

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4244, 50.3901, 19.0133 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, 0)` looks like.

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

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

Border

The CSS property to change the border of an element to HunterLab 29.4244, 50.3901, 19.0133 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, 0) }
```


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

```
.border{ border-color:rgb(171, 0, 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, 0, 0) colored shadow looks like.

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

Background

The CSS property to change the background color of an element to HunterLab 29.4244, 50.3901, 19.0133 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, 0) }
```

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

```
.background{ background-color: rgb(171, 0,  
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](#).

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