

Converting Colors

HunterLab(29.4440, 50.5202,
18.2784)

Have a look what the booklet for
HunterLab(29.4440, 50.5202,
18.2784) contains.

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Color

**HunterLab(29.4737, 50.5732,
18.2810)**

Conversions

Conversions Part 1

Format	Color
Hex	AB000D
RGB	171, 0, 13
RGB Percent	67%, 0%, 5%
CMY	0.3294, 0.9999, 0.9490
CMYK	0.00, 1.00, 0.92, 0.33
HSL	355°, 100%, 34%
HSV	355°, 100%, 67%
XYZ	16.8672, 8.6870, 1.1685
YIQ	52.6110, 97.7430, 40.2950

Conversions

Conversions Part 2

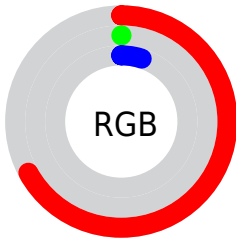
Format	Color
RYB	171, 0, 13
Decimal	11206669
CIELab	35.38, 59.53, 44.46
CIElCh	35, 74.303, 36.755
Yxy	8.6876, 0.6312, 0.3251
Android (android.graphics.Color)	4289396749 (0xFFAB000D)
YUV	52.6110, -19.5282, 103.8272
Hunter-Lab	29.4737, 50.5732, 18.2810

Details

The HunterLab color **29.4737, 50.5732, 18.2810** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **56.2098, -32.5141, -0.0669**, and the grayscale version is **18.7828, -1.0022, 1.0205**.

A 20% lighter version of the original color is **48.2552, 55.0243, 25.6141**, and **18.0311, 30.8788, 11.6513** is the 20% darker color. If you saturate the color by 10%, you get **29.4735, 50.5726, 18.2826**, and if you desaturate by 10%, it is **30.2498, 48.6536, 17.2383**.

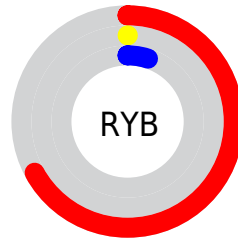
Distribution



Red (67%)

Green (0%)

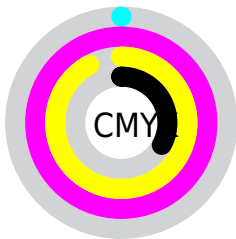
Blue (5%)



Red (67%)

Yellow (0%)

Blue (5%)

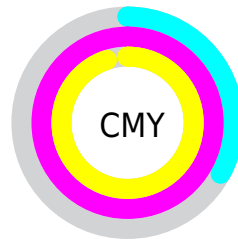


Cyan (0%)

Magenta (100%)

Yellow (92%)

Black (33%)



Cyan (33%)

Magenta (100%)

Yellow (95%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.4737, 50.5732, 18.2810 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 29.4737, 50.5732, 18.2810 by changing the saturation by 10% instead.


 29.4737, 50.5732,
18.2810


 29.4737, 50.5732,
18.2810


 134.5472, 66.4641,
46.7123


 21.3025, 48.4807,
14.9117

 48.2656, 54.7501,
25.6676

 14.0670, 46.6752,
9.8469


 58.7563, 56.7210,
29.0389

 7.7144, 47.8833,
5.4001


 69.9131, 58.5906,
32.2485

0.0000, INF, NaN

0.0000, NaN, NaN

 81.6984, 60.3574,
35.3261

0.0000, NaN, NaN

 94.0802, 62.0238,
38.2947


0.0000, NaN, NaN


 107.0312, 63.5939,


0.0000, NaN, NaN


41.1728


0.0000, NaN, NaN


 120.5272, 65.0724,
43.9747


 29.4737, 50.5732,
18.2810


 29.4737, 50.5732,
18.2810


 29.4735, 50.5726,
18.2826

 30.2498, 48.6536,
17.2383

 31.6251, 45.3446,
15.7011

 33.7416, 40.5096,
13.8890

 36.5635, 34.6259,
11.9867

 40.0142, 28.1915,
10.1429

■ 44.0039, 21.5847,
8.4463

■ 48.4471, 15.0374,
6.9342

■ 53.2699, 8.6664,
5.6101

■ 58.4119, 2.5148,
4.4607

Harmonies

Analogous

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



29.4747, 66.9191, 6.6990



29.4737, 50.5732, 18.2810



29.4747, 21.0390, 20.6323

Triad

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



29.4747, 50.5693, 18.2815



29.4747, -35.0312, 14.9366



29.4747, 4.5829, -96.5572

Complementary

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



29.4737, 50.5732, 18.2810



56.2098, -32.5141, -0.0669

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.



29.4747, -18.9260, -85.0147



29.4737, 50.5732, 18.2810



29.4747, -36.7555, -4.6015

Square

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



29.4747, 50.5693, 18.2815



29.4747, -26.0522, 20.4269



29.4747, -32.0338, -43.8378



29.4747, 34.9991, -68.3211

Rectangle

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



29.4737, 50.5732, 18.2810



29.4747, 1.3299, 20.6323



29.4747, -32.0338, -43.8378



29.4747, -4.3702, -97.4180

Sweetspot

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



29.4747, 50.5693, 18.2815



64.4958, 20.5985, 9.3839



31.7554, 63.6358, -51.2531



29.2815, 11.4130, 4.8108



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.



29.4747, 50.5693, 18.2815



39.4282, 67.6234, 24.6923



36.3296, 30.0955, 22.9116



28.3282, 1.0176, 2.1159



25.5968, 43.9334, 15.7789



4.3056, 7.4621, 2.0952

Inverse Universe

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



29.4747, 50.5693, 18.2815



39.4282, 67.6234, 24.6923



34.6542, 0.5752, -44.5535



28.3282, 1.0176, 2.1159



25.5968, 43.9334, 15.7789



4.3056, 7.4621, 2.0952

Previews

White Background



This preview shows how the HunterLab color 29.4737, 50.5732, 18.2810 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 29.4737, 50.5732, 18.2810 Background



This preview shows how black text looks on a background with the HunterLab color 29.4737, 50.5732, 18.2810.



This preview shows how white text looks on a background with the HunterLab color 29.4737, 50.5732, 18.2810.

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

29.4737, 50.5732, 18.2810

Protanopia

30.4644, -3.7012, 16.5691

Deuteranopia

30.4726, 1.2901, 18.7997

Trichromacy



Original Color

29.4737, 50.5732, 18.2810

Protanomaly

26.6070, 19.4051, 14.9285

Deuteranomaly

27.1523, 23.2930, 16.8254

Monochromacy



Original Color

29.4737, 50.5732, 18.2810

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

19.4185, 18.8340, 6.6965

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.4737, 50.5732, 18.2810 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, 13)` looks like.

```
.text, #text, p{  
  color:rgb(171, 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(171, 0, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 0, 13) }
```

Border

The CSS property to change the border of an element to HunterLab 29.4737, 50.5732, 18.2810 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, 13) }
```

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

```
.border{ border-color:rgb(171, 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(171, 0, 13) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 0, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 0, 13);  
box-shadow:4px 4px 4px 4px rgb(171, 0, 13)  
}
```


Background

The CSS property to change the background color of an element to HunterLab 29.4737, 50.5732, 18.2810 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, 13) }
```

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

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