

Converting Colors

HunterLab(29.1048, 50.2314,
15.7947)

Have a look what the booklet for
HunterLab(29.1048, 50.2314,
15.7947) contains.

HunterLab(29.0522, 50.1504, 15.6913)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(29.0522, 50.1504,
15.6913)**

Conversions

Conversions Part 1

Format	Color
Hex	A80022
RGB	168, 0, 34
RGB Percent	66%, 0%, 13%
CMY	0.3412, 0.9999, 0.8667
CMYK	0.00, 1.00, 0.80, 0.34
HSL	348°, 100%, 33%
HSV	348°, 100%, 66%
XYZ	16.4372, 8.4403, 2.2762
YIQ	54.1080, 89.2140, 46.1900

Conversions

Conversions Part 2

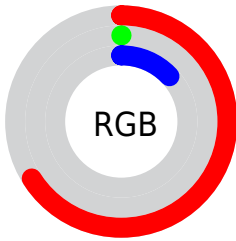
Format	Color
RYB	168, 0, 34
Decimal	11010082
CIELab	34.88, 59.24, 32.64
CIElCh	35, 67.635, 28.851
Yxy	8.4408, 0.6053, 0.3108
Android (android.graphics.Color)	4289200162 (0xFFA80022)
YUV	54.1080, -9.9132, 99.8833
Hunter-Lab	29.0522, 50.1504, 15.6913

Details

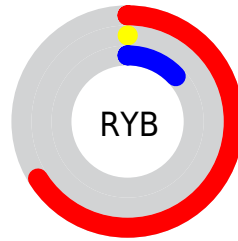
The HunterLab color **29.0522, 50.1504, 15.6913** is a dark color, and the websafe version is hex **CC3333**. A complement of this color would be **54.5226, -35.4774, 8.4387**, and the grayscale version is **19.2594, -1.0276, 1.0464**.

A 20% lighter version of the original color is **47.8134, 54.5326, 21.2444**, and **17.6799, 30.2774, 11.4243** is the 20% darker color. If you saturate the color by 10%, you get **29.0519, 50.1494, 15.6944**, and if you desaturate by 10%, it is **29.8811, 48.4680, 13.8402**.

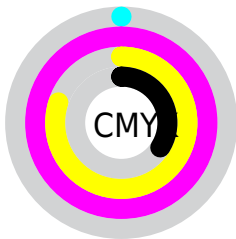
Distribution



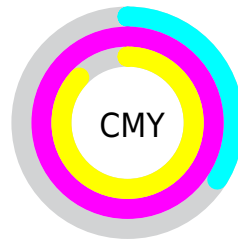
- Red (66%)
- Green (0%)
- Blue (13%)



- Red (66%)
- Yellow (0%)
- Blue (13%)



- Cyan (0%)
- Magenta (100%)
- Yellow (80%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.0522, 50.1504, 15.6913 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 29.0522, 50.1504, 15.6913 by changing the saturation by 10% instead.

■ 29.0522, 50.1504,
15.6913

■ 29.0522, 50.1504,
15.6913

■ 133.8469, 66.0025,
37.6443

■ 20.9244, 48.0663,
12.6129

■ 47.7684, 54.3190,
21.2950

■ 13.7381, 46.2827,
9.6167

■ 58.2253, 56.2862,
23.8651

■ 7.3536, 48.5063,
5.1475

■ 69.3503, 58.1519,
26.3268

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.1055, 59.9146,
28.7032

0.0000, NaN, NaN

■ 93.4588, 61.5765,
31.0113


0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.3824, 63.1420,


33.2644


0.0000, NaN, NaN


 119.8522, 64.6157,
35.4727


 29.0522, 50.1504,
15.6913


 29.0522, 50.1504,
15.6913

 29.0519, 50.1494,
15.6944

 29.8811, 48.4680,
13.8402

 31.2769, 45.4066,
11.7508

 33.3764, 40.7997,
9.7072

 36.1444, 35.0942,
7.8808

 39.5087, 28.7657,
6.3683

■ 43.3853, 22.1853,
5.1979

■ 47.6943, 15.5897,
4.3542

■ 52.3666, 9.1059,
3.8008

■ 57.3452, 2.7887,
3.4959

Harmonies

Analogous

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



29.0531, 59.5393, 0.6982



29.0522, 50.1504, 15.6913



29.0531, 25.9977, 20.0144

Triad

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



29.0531, 50.1467, 15.6919



29.0531, -31.1840, 16.2610



29.0531, -2.4604, -83.8035

Complementary

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



29.0522, 50.1504, 15.6913



54.5226, -35.4774, 8.4387

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.



29.0531, -21.5765, -65.4227



29.0522, 50.1504, 15.6913



29.0531, -34.5309, 2.4378

Square

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



29.0531, 50.1467, 15.6919



29.0531, -20.4436, 20.2079



29.0531, -31.6752, -28.1019



29.0531, 23.8883, -67.8410

Rectangle

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



29.0522, 50.1504, 15.6913



29.0531, 7.8015, 20.3372



29.0531, -31.6752, -28.1019



29.0531, -9.8536, -81.2846

Sweetspot

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



29.0531, 50.1467, 15.6919



63.9059, 21.5014, 5.9189



27.7516, 57.7069, -61.0354



28.7181, 11.7065, 2.9581



92.0917, -4.9138, 5.0035



39.3538, -2.0998, 2.1382

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



29.0531, 50.1467, 15.6919



39.1039, 67.4385, 21.6101



32.2610, 38.6550, 20.5544



27.5067, 1.1227, 1.6603



25.2584, 43.6252, 13.4582



4.0249, 7.1173, 0.8594

Inverse Universe

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



29.0531, 50.1467, 15.6919



39.1039, 67.4385, 21.6101



40.4455, -9.7267, -29.5537



27.5067, 1.1227, 1.6603



25.2584, 43.6252, 13.4582



4.0249, 7.1173, 0.8594

Previews

White Background



This preview shows how the HunterLab color 29.0522, 50.1504, 15.6913 looks on a white background.

Color Contrast Check

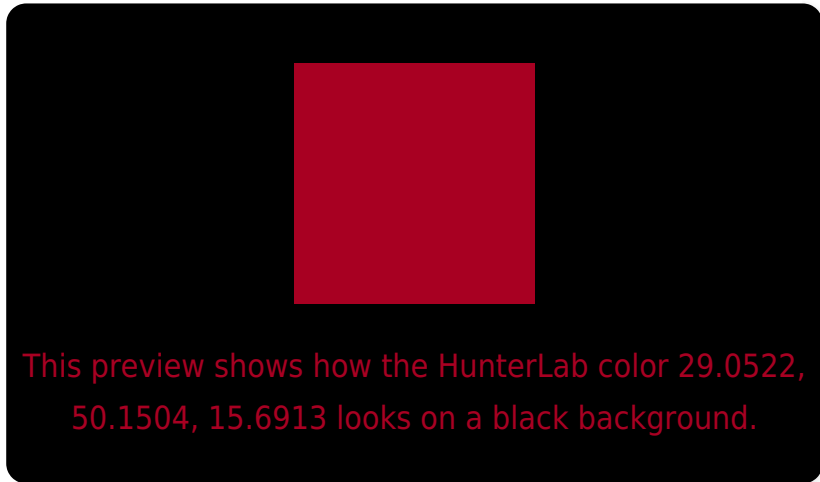
Large Text (above 18pt) WCAG AA ✓ Pass

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

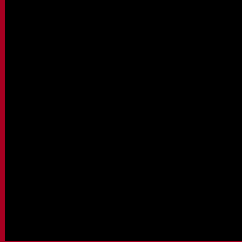
Any Text WCAG AA × Fail

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 29.0522, 50.1504, 15.6913 Background



This preview shows how black text looks on a background with the HunterLab color 29.0522, 50.1504, 15.6913.



This preview shows how white text looks on a background with the HunterLab color 29.0522, 50.1504,

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

29.0522, 50.1504, 15.6913

Protanopia

30.1350, -2.9488, 11.8907

Deuteranopia

30.1141, 1.5404, 17.0887



Tritanopia

29.4389, 47.4324, 18.9705

Trichromacy



Original Color

29.0522, 50.1504, 15.6913

Protanomaly

26.1317, 19.5584, 10.5801

Deuteranomaly

26.8285, 22.6956, 14.7692

Tritanomaly

29.2719, 48.3138, 18.1785

Monochromacy



Original Color

29.0522, 50.1504, 15.6913

Achromatopsia

19.2066, -1.0248, 1.0435

Achromatomaly

19.4478, 19.2416, 4.1217

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.0522, 50.1504, 15.6913 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(168, 0, 34)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 34)  
}
```

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(168, 0, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 34) }
```

Border

The CSS property to change the border of an element to HunterLab 29.0522, 50.1504, 15.6913 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(168, 0, 34) }
```


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

```
.border{ border-color:rgb(168, 0, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 0, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 34);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 34)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.0522, 50.1504, 15.6913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 0, 34) }
```

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

```
.background{ background-color: rgb(168, 0,  
34) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor