

Converting Colors

HunterLab(29.3117, 50.9954,
12.7532)

Have a look what the booklet for
HunterLab(29.3117, 50.9954,
12.7532) contains.

HunterLab(29.2491, 50.8774, 12.7970)	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(29.2491, 50.8774,
12.7970)**

Conversions

Conversions Part 1

Format	Color
Hex	A80032
RGB	168, 0, 50
RGB Percent	66%, 0%, 20%
CMY	0.3412, 0.9999, 0.8039
CMYK	0.00, 1.00, 0.70, 0.34
HSL	342°, 100%, 33%
HSV	342°, 100%, 66%
XYZ	16.7241, 8.5551, 3.7874
YIQ	55.9320, 84.0780, 51.1660

Conversions

Conversions Part 2

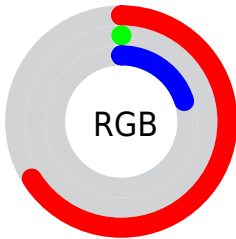
Format	Color
R_YB	168, 0, 50
Decimal	11010098
CIE _{Lab}	35.11, 59.86, 22.84
CIE _{LCh}	35, 64.071, 20.885
Yxy	8.5556, 0.5754, 0.2943
Android (android.graphics.Color)	4289200178 (0xFFA80032)
YUV	55.9320, -2.9245, 98.2836
Hunter-Lab	29.2491, 50.8774, 12.7970

Details

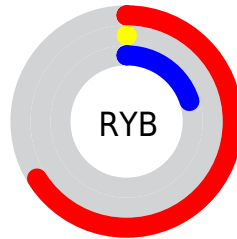
The HunterLab color **29.2491, 50.8774, 12.7970** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **54.1423, -37.7975, 13.9225**, and the grayscale version is **19.8574, -1.0595, 1.0789**.

A 20% lighter version of the original color is **48.0794, 54.9681, 16.9420**, and **17.8860, 30.6916, 11.0826** is the 20% darker color. If you saturate the color by 10%, you get **29.2488, 50.8762, 12.8009**, and if you desaturate by 10%, it is **30.1097, 49.3355, 10.4990**.

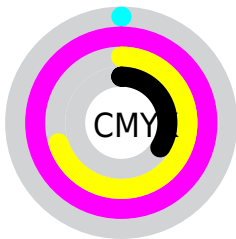
Distribution



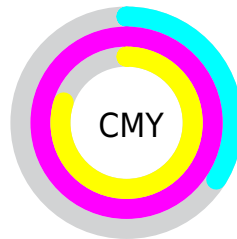
- Red (66%)
- Green (0%)
- Blue (20%)



- Red (66%)
- Yellow (0%)
- Blue (20%)



- Cyan (0%)
- Magenta (100%)
- Yellow (70%)
- Black (34%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.2491, 50.8774, 12.7970 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 29.2491, 50.8774, 12.7970 by changing the saturation by 10% instead.

■ 29.2491, 50.8774,
12.7970

■ 29.2491, 50.8774,
12.7970

■ 134.1743, 66.8753,
29.4799

■ 21.1009, 48.7854,
10.5291

■ 48.0008, 55.0725,
16.9048

■ 13.8916, 47.0000,
8.7638

■ 58.4735, 57.0556,
18.8220

■ 7.5245, 48.7780,
5.2671

■ 69.6134, 58.9380,
20.6796

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.3826, 60.7178,
22.4925

0.0000, NaN, NaN

■ 93.7492, 62.3971,
24.2717

0.0000, NaN, NaN

■ 106.6856, 63.9800,

0.0000, NaN, NaN

26.0254

0.0000, NaN, NaN

120.1677, 65.4712,
27.7598

29.2491, 50.8774,
12.7970

29.2491, 50.8774,
12.7970

29.2488, 50.8762,
12.8009

30.1097, 49.3355,
10.4990

31.5225, 46.3804,
8.1819

33.6228, 41.8331,
6.1461

36.3772, 36.1287,
4.5327

39.7163, 29.7392,
3.3914

■ 43.5594, 23.0403,
2.7055

■ 47.8294, 16.2782,
2.4234

■ 52.4588, 9.5905,
2.4833

■ 57.3920, 3.0413,
2.8260

Harmonies

Analogous

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



29.2500, 54.6350, -5.7128



29.2491, 50.8774, 12.7970



29.2500, 31.0693, 18.9402

Triad

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



29.2500, 50.8738, 12.7976



29.2500, -28.1443, 17.4796



29.2500, -8.1100, -75.2487

Complementary

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



29.2491, 50.8774, 12.7970



54.1423, -37.7975, 13.9225

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.



29.2500, -24.1714, -51.7766



29.2491, 50.8774, 12.7970



29.2500, -33.2105, 7.3941

Square

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



29.2500, 50.8738, 12.7976



29.2500, -15.4515, 20.3787



29.2500, -32.0174, -17.2238



29.2500, 15.5271, -68.9424

Rectangle

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



29.2491, 50.8774, 12.7970



29.2500, 14.0085, 20.4746



29.2500, -32.0174, -17.2238



29.2500, -14.4327, -70.1746

Sweetspot

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



29.2500, 50.8738, 12.7976



64.0912, 22.4428, 3.2730



25.7912, 55.1237, -68.3046



28.8148, 12.1908, 1.5766



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.



29.2500, 50.8738, 12.7976



39.3588, 68.3799, 17.8604



30.7365, 43.2516, 19.6954



27.5276, 1.2349, 1.3629



25.4331, 44.2700, 10.8915



4.0774, 7.3089, 0.1062

Inverse Universe

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



29.2500, 50.8738, 12.7976



39.3588, 68.3799, 17.8604



44.7098, -15.7635, -21.8524



27.5276, 1.2349, 1.3629



25.4331, 44.2700, 10.8915



4.0774, 7.3089, 0.1062

Previews

White Background



This preview shows how the HunterLab color 29.2491, 50.8774, 12.7970 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



This preview shows how the HunterLab color 29.2491, 50.8774, 12.7970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

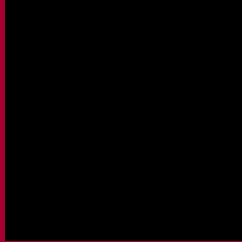
Any Text WCAG AA × Fail

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 29.2491, 50.8774, 12.7970 Background



This preview shows how black text looks on a background with the HunterLab color 29.2491, 50.8774, 12.7970.



This preview shows how white text looks on a background with the HunterLab color 29.2491, 50.8774,

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

29.2491, 50.8774, 12.7970

Protanopia

30.2739, -1.6768, 5.9373

Deuteranopia

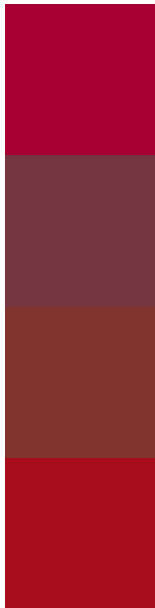
30.3398, 1.3908, 14.4389



Tritanopia

29.5858, 46.4470, 18.0614

Trichromacy



Original Color

29.2491, 50.8774, 12.7970

Protanomaly

26.2136, 20.4808, 5.1999

Deuteranomaly

26.8973, 23.2999, 11.5094

Tritanomaly

29.3039, 47.9454, 16.6735

Monochromacy



Original Color

29.2491, 50.8774, 12.7970

Achromatopsia

19.8862, -1.0611, 1.0805

Achromatomaly

20.1730, 19.7924, 2.5195

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.2491, 50.8774, 12.7970 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, 50)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 50)  
}
```

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, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 29.2491, 50.8774, 12.7970 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, 50) }
```


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

```
.border{ border-color:rgb(168, 0, 50) }
```

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, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 50);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 50)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.2491, 50.8774, 12.7970 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, 50) }
```

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

```
.background{ background-color: rgb(168, 0,  
50) }
```

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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