

Converting Colors

HunterLab(29.1981, 50.5764,
14.4199)

Have a look what the booklet for
HunterLab(29.1981, 50.5764,
14.4199) contains.

HunterLab(29.1410, 50.4785, 14.3835)	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(29.1410, 50.4785,
14.3835)**

Conversions

Conversions Part 1

Format	Color
Hex	A8002A
RGB	168, 0, 42
RGB Percent	66%, 0%, 16%
CMY	0.3412, 0.9999, 0.8353
CMYK	0.00, 1.00, 0.75, 0.34
HSL	345°, 100%, 33%
HSV	345°, 100%, 66%
XYZ	16.5663, 8.4920, 2.9565
YIQ	55.0200, 86.6460, 48.6780

Conversions

Conversions Part 2

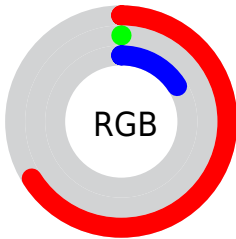
Format	Color
RYB	168, 0, 42
Decimal	11010090
CIELab	34.99, 59.52, 27.80
CIElCh	35, 65.692, 25.033
Yxy	8.4925, 0.5913, 0.3031
Android (android.graphics.Color)	4289200170 (0xFFA8002A)
YUV	55.0200, -6.4189, 99.0835
Hunter-Lab	29.1410, 50.4785, 14.3835

Details

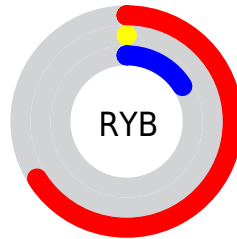
The HunterLab color **29.1410, 50.4785, 14.3835** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **54.3252, -36.6794, 11.2805**, and the grayscale version is **19.5581, -1.0436, 1.0626**.

A 20% lighter version of the original color is **47.7691, 54.6902, 19.2010**, and **17.6799, 30.2774, 11.4243** is the 20% darker color. If you saturate the color by 10%, you get **29.1407, 50.4774, 14.3871**, and if you desaturate by 10%, it is **29.9872, 48.8711, 12.2857**.

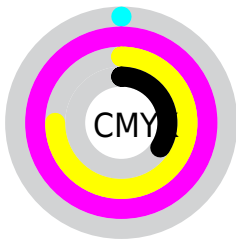
Distribution



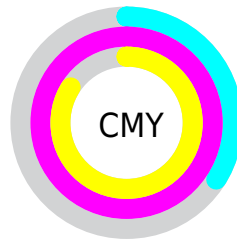
- Red (66%)
- Green (0%)
- Blue (16%)



- Red (66%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (75%)
- Black (34%)



- Cyan (34%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 29.1410, 50.4785, 14.3835 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 29.1410, 50.4785, 14.3835 by changing the saturation by 10% instead.

■ 29.1410, 50.4785,
14.3835

■ 29.1410, 50.4785,
14.3835

133.9946, 66.3966,
33.7049

■ 21.0040, 48.3908,
11.6753

■ 47.8732, 54.6591,
19.2426

■ 13.8073, 46.6064,
9.6651

■ 58.3373, 56.6335,
21.4865

■ 7.4312, 48.6225,
5.2019

■ 69.4690, 58.5068,
23.6462

0.0000, INF, NaN

0.0000, NaN, NaN

■ 81.2305, 60.2772,
25.7407

0.0000, NaN, NaN

■ 93.5898, 61.9470,
27.7843

0.0000, NaN, NaN


■ 106.5192, 63.5204,


0.0000, NaN, NaN


29.7877


0.0000, NaN, NaN


 119.9946, 65.0020,
31.7590


 29.1410, 50.4785,
14.3835


 29.1410, 50.4785,
14.3835


 29.1407, 50.4774,
14.3871

 29.9872, 48.8711,
12.2857

 31.3932, 45.8681,
10.0576

 33.4947, 41.2963,
7.9944

 36.2574, 35.5964,
6.2541

 39.6102, 29.2419,
4.9109

■ 43.4711, 22.6061,
3.9704

■ 47.7612, 15.9302,
3.3987

■ 52.4125, 9.3465,
3.1461

■ 57.3687, 2.9144,
3.1619

Harmonies

Analogous

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



29.1419, 57.0699, -2.3064



29.1410, 50.4785, 14.3835



29.1419, 28.4529, 19.4760

Triad

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



29.1419, 50.4748, 14.3841



29.1419, -29.7156, 16.8832



29.1419, -5.2965, -79.4707

Complementary

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



29.1410, 50.4785, 14.3835



54.3252, -36.6794, 11.2805

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.



29.1419, -22.8609, -58.4594



29.1410, 50.4785, 14.3835



29.1419, -33.8779, 5.0065

Square

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



29.1419, 50.4748, 14.3841



29.1419, -18.0438, 20.2850



29.1419, -31.8297, -22.4972



29.1419, 19.6763, -68.3379

Rectangle

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



29.1410, 50.4785, 14.3835



29.1419, 10.8000, 20.3993



29.1419, -31.8297, -22.4972



29.1419, -12.1453, -75.6486

Sweetspot

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



29.1419, 50.4748, 14.3841



63.9975, 21.9671, 4.6098



26.9515, 56.6389, -63.8966



28.7658, 11.9457, 2.2759



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.



29.1419, 50.4748, 14.3841



39.2180, 67.8605, 19.9278



31.5946, 40.6252, 20.1782



27.5171, 1.1787, 1.5120



25.3375, 43.9173, 12.2943



4.0512, 7.2136, 0.4803

Inverse Universe

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



29.1419, 50.4748, 14.3841



39.2180, 67.8605, 19.9278



42.1315, -12.1711, -26.3845



27.5171, 1.1787, 1.5120



25.3375, 43.9173, 12.2943



4.0512, 7.2136, 0.4803

Previews

White Background



This preview shows how the HunterLab color 29.1410, 50.4785, 14.3835 looks on a white background.

Color Contrast Check

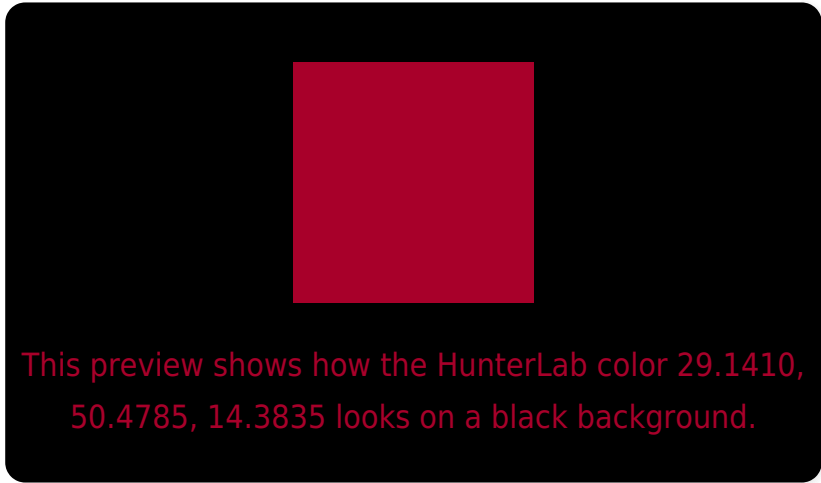
Large Text (above 18pt) WCAG AA ✓ Pass

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 29.1410, 50.4785, 14.3835 Background



This preview shows how black text looks on a background with the HunterLab color 29.1410, 50.4785, 14.3835.



This preview shows how white text looks on a background with the HunterLab color 29.1410, 50.4785,

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

29.1410, 50.4785, 14.3835

Protanopia

30.2179, -2.3204, 9.3525

Deuteranopia

30.0887, 1.6089, 15.8760



Tritanopia

29.3948, 46.9166, 18.2957

Trichromacy



Original Color

29.1410, 50.4785, 14.3835

Protanomaly

26.2816, 20.2578, 8.3953

Deuteranomaly

26.9267, 23.1447, 13.3222

Tritanomaly

29.1766, 48.0561, 17.2773

Monochromacy



Original Color

29.1410, 50.4785, 14.3835

Achromatopsia

19.5459, -1.0429, 1.0620

Achromatomaly

19.7968, 19.4607, 3.5019

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.1410, 50.4785, 14.3835 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, 42)` looks like.

```
.text, #text, p{  
    color:rgb(168, 0, 42)  
}
```

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, 42) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 0, 42) }
```

Border

The CSS property to change the border of an element to HunterLab 29.1410, 50.4785, 14.3835 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, 42) }
```


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

```
.border{ border-color:rgb(168, 0, 42) }
```

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, 42)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 0, 42); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 0, 42);  
box-shadow:4px 4px 4px 4px rgb(168, 0, 42)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.1410, 50.4785, 14.3835 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, 42) }
```

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

```
.background{ background-color: rgb(168, 0,  
42) }
```

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