

Converting Colors

HunterLab(24.8848, 34.2009,
15.9326)

Have a look what the booklet for
HunterLab(24.8848, 34.2009,
15.9326) contains.

HunterLab(24.9675, 34.2089, 15.9838)	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(24.9675, 34.2089,
15.9838)**

Conversions

Conversions Part 1

Format	Color
Hex	8A1C00
RGB	138, 28, 0
RGB Percent	54%, 11%, 0%
CMY	0.4588, 0.8902, 1.0000
CMYK	0.00, 0.80, 1.00, 0.46
HSL	12°, 100%, 27%
HSV	12°, 100%, 54%
XYZ	10.8965, 6.2338, 0.6289
YIQ	57.6980, 74.5480, 14.6120

Conversions

Conversions Part 2

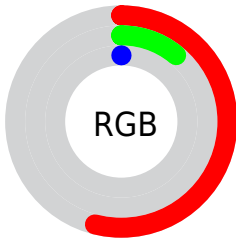
Format	Color
R_{YB}	138, 35, 0
Decimal	9051136
CIE _{Lab}	30.00, 44.64, 42.72
CIE _{LCh}	30, 61.787, 43.741
Yxy	6.2341, 0.6136, 0.3510
Android (android.graphics.Color)	4287241216 (0xFF8A1C00)
YUV	57.6980, -28.4451, 70.4249
Hunter-Lab	24.9675, 34.2089, 15.9838

Details

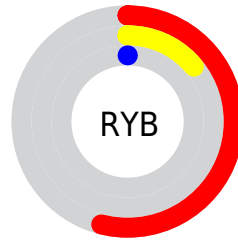
The HunterLab color **24.9675, 34.2089, 15.9838** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **36.0344, -12.7202, -17.5806**, and the grayscale version is **20.5440, -1.0962, 1.1162**.

A 20% lighter version of the original color is **42.8837, 37.7718, 23.2199**, and **12.8929, 22.0795, 8.3311** is the 20% darker color. If you saturate the color by 10%, you get **24.9683, 34.2061, 15.9842**, and if you desaturate by 10%, it is **26.2411, 30.8410, 15.7868**.

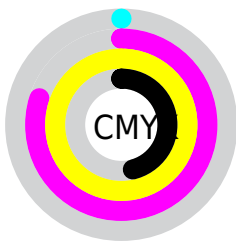
Distribution



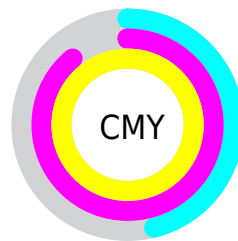
- Red (54%)
- Green (11%)
- Blue (0%)



- Red (54%)
- Yellow (14%)
- Blue (0%)



- Cyan (0%)
- Magenta (80%)
- Yellow (100%)
- Black (46%)



- Cyan (46%)
- Magenta (89%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 24.9675, 34.2089, 15.9838 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 24.9675, 34.2089, 15.9838 by changing the saturation by 10% instead.

■ 24.9675, 34.2089,
15.9838

■ 24.9675, 34.2089,
15.9838

■ 126.9406, 46.2631,
44.0362

■ 17.2858, 32.3706,
12.1000

■ 42.9127, 37.6423,
23.2898

■ 10.6088, 30.6523,
7.4261

■ 53.0269, 39.1873,
26.6393

0.0000, INF, NaN

0.0000, INF, NaN

■ 63.8304, 40.6164,
29.8158

0.0000, NaN, NaN

■ 75.2819, 41.9361,
32.8524

0.0000, NaN, NaN

■ 87.3464, 43.1537,
35.7748

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 99.9944, 44.2765,

38.6029


0.0000, NaN, NaN


 113.2000, 45.3109,
41.3525


 24.9675, 34.2089,
15.9838


 24.9675, 34.2089,
15.9838


 24.9683, 34.2061,
15.9842

 26.2411, 30.8410,
15.7868

 27.8693, 26.9789,
15.3610

 29.8400, 22.8975,
14.5468

 32.1191, 18.7794,
13.4019

 34.6699, 14.7482,
11.9933

■ 37.4575, 10.8756,
10.3821

■ 40.4505, 7.1945,
8.6180

■ 43.6220, 3.7125,
6.7390

■ 46.9493, 0.4225,
4.7727

Harmonies

Analogous

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



24.9683, 49.9601, 8.7544



24.9675, 34.2089, 15.9838



24.9683, 10.7505, 17.4778

Triad

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



24.9683, 34.2061, 15.9842



24.9683, -29.1140, 9.7736



24.9683, 8.7880, -69.9232

Complementary

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



24.9675, 34.2089, 15.9838



36.0344, -12.7202, -17.5806

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.



24.9683, -11.4826, -68.6078



24.9675, 34.2089, 15.9838



24.9683, -29.3341, -9.3489

Square

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



24.9683, 34.2061, 15.9842



24.9683, -23.2403, 16.3028



24.9683, -23.9881, -41.2421



24.9683, 32.3741, -44.0566

Rectangle

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



24.9675, 34.2089, 15.9838



24.9683, -3.8658, 17.4778



24.9683, -23.9881, -41.2421



24.9683, 1.3038, -73.0400

Sweetspot

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



24.9683, 34.2061, 15.9842



53.4424, 9.8574, 11.5971



25.5690, 48.2246, -17.8723



24.6156, 5.4975, 5.9029



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



24.9683, 34.2061, 15.9842



32.8632, 46.3031, 21.0607



37.2543, 5.3293, 23.0492



22.8088, 0.0734, 2.2224



23.9456, 32.6374, 15.3265



2.3533, 1.5761, 1.4777

Inverse Universe

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



36.0344, -12.7202, -17.5806



47.6039, -16.5637, -23.7444



18.5705, 19.3512, -64.9851



23.4929, -2.4528, 0.2855



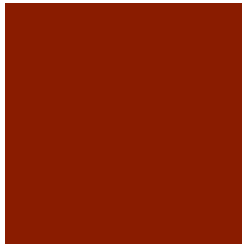
34.5342, -12.2210, -16.7832



3.1531, -1.4383, -0.8361

Previews

White Background



This preview shows how the HunterLab color 24.9675, 34.2089, 15.9838 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

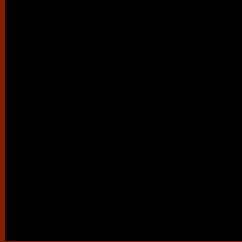
Any Text WCAG AA × Fail

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 24.9675, 34.2089, 15.9838 Background



This preview shows how black text looks on a background with the HunterLab color 24.9675, 34.2089, 15.9838.



This preview shows how white text looks on a background with the HunterLab color 24.9675, 34.2089,

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

24.9675, 34.2089, 15.9838

Protanopia

25.6833, -3.5532, 14.6321

Deuteranopia

25.4566, 0.6253, 15.6972



Tritanopia

24.9332, 35.3828, 13.6592

Trichromacy



Original Color

24.9675, 34.2089, 15.9838

Protanomaly

24.0270, 9.9376, 14.2707

Deuteranomaly

24.1381, 13.2464, 15.1057

Tritanomaly

24.9552, 34.8260, 14.7270

Monochromacy



Original Color

24.9675, 34.2089, 15.9838

Achromatopsia

20.5697, -1.0975, 1.1176

Achromatomaly

20.4764, 10.2019, 7.7281

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 24.9675, 34.2089, 15.9838 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(138, 28, 0)` looks like.

```
.text, #text, p{  
    color:rgb(138, 28, 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(138, 28, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(138, 28, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 24.9675, 34.2089, 15.9838 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(138, 28, 0) }
```


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

```
.border{ border-color:rgb(138, 28, 0) }
```

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

Here you see how a box with a 4 pixel rgb(138, 28, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(138, 28, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(138, 28, 0);  
box-shadow:4px 4px 4px 4px rgb(138, 28, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 24.9675, 34.2089, 15.9838 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(138, 28, 0) }
```

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

```
.background{ background-color: rgb(138, 28,  
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](#).

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