

Converting Colors

HunterLab(25.0735, 42.9399,
16.1955)

Have a look what the booklet for
HunterLab(25.0735, 42.9399,
16.1955) contains.

HunterLab(25.0916, 42.9702, 16.2136)	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(25.0916, 42.9702,
16.2136)**

Conversions

Conversions Part 1

Format	Color
Hex	940000
RGB	148, 0, 0
RGB Percent	58%, 0%, 0%
CMY	0.4196, 0.9999, 1.0000
CMYK	0.00, 1.00, 1.00, 0.42
HSL	0°, 100%, 29%
HSV	0°, 100%, 58%
XYZ	12.2127, 6.2959, 0.5715
YIQ	44.2520, 88.2080, 31.3760

Conversions

Conversions Part 2

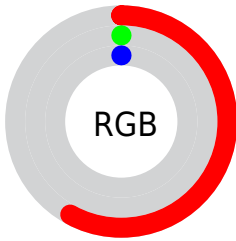
Format	Color
RYB	148, 0, 0
Decimal	9699328
CIELab	30.15, 53.39, 43.80
CIELCh	30, 69.062, 39.365
Yxy	6.2963, 0.6401, 0.3300
Android (android.graphics.Color)	4287889408 (0xFF940000)
YUV	44.2520, -21.8162, 90.9870
Hunter-Lab	25.0916, 42.9702, 16.2136

Details

The HunterLab color **25.0916, 42.9702, 16.2136** is a dark color, and the websafe version is hex **990000**. A complement of this color would be **48.2817, -25.5923, -5.1016**, and the grayscale version is **16.0057, -0.8540, 0.8696**.

A 20% lighter version of the original color is **43.0600, 46.5558, 23.6454**, and **14.2346, 24.3772, 9.1981** is the 20% darker color. If you saturate the color by 10%, you get **25.0924, 42.9669, 16.2140**, and if you desaturate by 10%, it is **25.8192, 40.9976, 15.6067**.

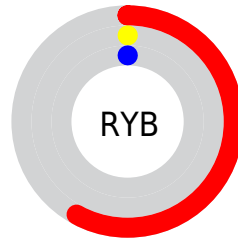
Distribution



Red (58%)

Green (0%)

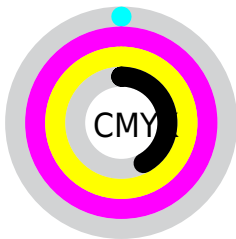
Blue (0%)



Red (58%)

Yellow (0%)

Blue (0%)

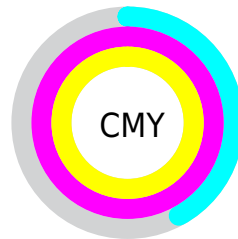


Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (42%)



Cyan (42%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 25.0916, 42.9702, 16.2136 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 25.0916, 42.9702, 16.2136 by changing the saturation by 10% instead.

■ 25.0916, 42.9702,
16.2136

■ 25.0916, 42.9702,
16.2136

■ 127.1540, 57.6117,
44.8327

■ 17.3956, 40.9967,
12.1769

■ 43.0614, 46.9094,
23.6475

■ 10.7021, 39.3887,
7.4915

■ 53.1864, 48.7481,
27.0710

■ 1.2800, 195.0582,
0.8960

■ 64.0001, 50.4786,
30.3171

0.0000, INF, NaN

0.0000, NaN, NaN

■ 75.4612, 52.1015,
33.4193

0.0000, NaN, NaN

■ 87.5348, 53.6208,
36.4036

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 100.1914, 55.0418,


39.2904


0.0000, NaN, NaN


 113.4054, 56.3703,
42.0958


 25.0916, 42.9702,
16.2136


 25.0916, 42.9702,
16.2136


 25.0924, 42.9669,
16.2140

 25.8192, 40.9976,
15.6067

 27.0126, 37.9485,
14.6718

 28.8325, 33.6843,
13.3746

 31.2466, 28.6208,
11.8522

 34.1894, 23.1711,
10.2382

■ 37.5854, 17.6395,
8.6291

■ 41.3626, 12.2066,
7.0805

■ 45.4594, 6.9587,
5.6168

■ 49.8249, 1.9233,
4.2436

Harmonies

Analogous

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



25.0924, 59.1098, 7.3059



25.0916, 42.9702, 16.2136



25.0924, 16.2765, 17.5647

Triad

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



25.0924, 42.9669, 16.2140



25.0924, -30.8144, 12.1476



25.0924, 6.2906, -86.0719

Complementary

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



25.0916, 42.9702, 16.2136



48.2817, -25.5923, -5.1016

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.



25.0924, -15.1329, -78.8573



25.0916, 42.9702, 16.2136



25.0924, -31.8149, -6.5131

Square

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



25.0924, 42.9669, 16.2140



25.0924, -23.7258, 17.5647



25.0924, -27.2432, -42.8196



25.0924, 33.4319, -58.0247

Rectangle

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



25.0916, 42.9702, 16.2136



25.0924, -0.8469, 17.5647



25.0924, -27.2432, -42.8196



25.0924, -1.8298, -88.0125

Sweetspot

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



25.0924, 42.9669, 16.2140



54.6300, 16.6405, 9.5255



29.0413, 57.0960, -38.3037



25.1623, 9.2617, 4.9229



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765

Same Dimension

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



25.0924, 42.9669, 16.2140



33.3307, 57.0755, 21.5375



33.4565, 19.6739, 20.9601



24.1154, 0.7357, 1.9885



23.1908, 39.7104, 14.9853



2.5661, 4.3915, 1.6581

Inverse Universe

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



48.2817, -25.5923, -5.1016



64.1340, -33.9948, -6.7769



26.5248, 6.0319, -46.1748



25.6166, -3.2707, 0.7533



44.6227, -23.6528, -4.7149



4.9371, -2.6172, -0.5211

Previews

White Background



This preview shows how the HunterLab color 25.0916, 42.9702, 16.2136 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 25.0916, 42.9702, 16.2136 Background



This preview shows how black text looks on a background with the HunterLab color 25.0916, 42.9702, 16.2136.



This preview shows how white text looks on a background with the HunterLab color 25.0916, 42.9702,

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

25.0916, 42.9702, 16.2136

Protanopia

26.3894, -3.6368, 14.8131

Deuteranopia

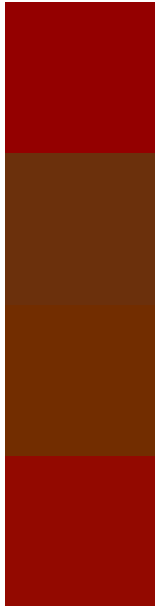
26.2415, 0.8040, 16.1840



Tritanopia

25.5287, 40.5567, 16.4406

Trichromacy



Original Color

25.0916, 42.9702, 16.2136

Protanomaly

22.9483, 15.7413, 13.5176

Deuteranomaly

23.3542, 19.3417, 14.7293

Tritanomaly

25.2951, 41.3336, 16.3103

Monochromacy



Original Color

25.0916, 42.9702, 16.2136

Achromatopsia

15.8704, -0.8468, 0.8623

Achromatomaly

16.4566, 15.7217, 6.4576

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 25.0916, 42.9702, 16.2136 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(148, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(148, 0, 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(148, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(148, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 25.0916, 42.9702, 16.2136 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(148, 0, 0) }
```


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

```
.border{ border-color:rgb(148, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(148, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(148, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(148, 0, 0); box-shadow:4px  
4px 4px 4px rgb(148, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 25.0916, 42.9702, 16.2136 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(148, 0, 0) }
```

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

```
.background{ background-color: rgb(148, 0,  
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