

Converting Colors

HunterLab(28.8161, 37.9299,
18.4196)

Have a look what the booklet for
HunterLab(28.8161, 37.9299,
18.4196) contains.

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Color

**HunterLab(28.8612, 38.1900,
18.4527)**

Conversions

Conversions Part 1

Format	Color
Hex	9C2400
RGB	156, 36, 0
RGB Percent	61%, 14%, 0%
CMY	0.3882, 0.8588, 1.0000
CMYK	0.00, 0.77, 1.00, 0.39
HSL	14°, 100%, 31%
HSV	14°, 100%, 61%
XYZ	14.3412, 8.3297, 0.8519
YIQ	67.7760, 83.0760, 14.2440

Conversions

Conversions Part 2

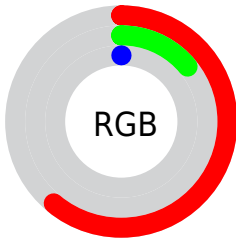
Format	Color
R_{YB}	156, 47, 0
Decimal	10232832
CIE Lab	34.66, 47.82, 47.57
CIE LCh	35, 67.453, 44.852
Yxy	8.3302, 0.6097, 0.3541
Android (android.graphics.Color)	4288422912 (0xFF9C2400)
YUV	67.7760, -33.4136, 77.3724
Hunter-Lab	28.8612, 38.1900, 18.4527

Details

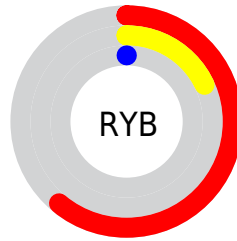
The HunterLab color **28.8612, 38.1900, 18.4527** is a dark color, and the websafe version is hex **993300**. A complement of this color would be **39.7884, -12.5821, -22.5709**, and the grayscale version is **24.0588, -1.2837, 1.3072**.

A 20% lighter version of the original color is **47.5583, 41.4958, 26.2696**, and **15.5977, 26.7116, 10.0789** is the 20% darker color. If you saturate the color by 10%, you get **28.8620, 38.1871, 18.4531**, and if you desaturate by 10%, it is **30.3623, 34.2166, 18.3811**.

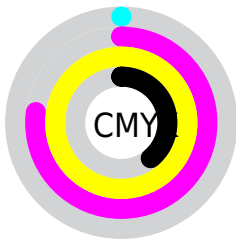
Distribution



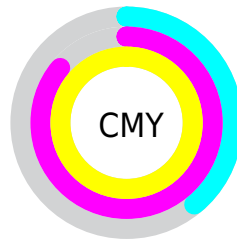
- Red (61%)
- Green (14%)
- Blue (0%)



- Red (61%)
- Yellow (18%)
- Blue (0%)



- Cyan (0%)
- Magenta (77%)
- Yellow (100%)
- Black (39%)



- Cyan (39%)
- Magenta (86%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 28.8612, 38.1900, 18.4527 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 28.8612, 38.1900, 18.4527 by changing the saturation by 10% instead.

■ 28.8612, 38.1900,
18.4527

■ 28.8612, 38.1900,
18.4527

■ 133.5288, 50.8105,
48.6969

■ 20.7532, 36.2902,
14.5272

■ 47.5429, 41.7302,
26.3303

■ 13.5894, 34.4482,
9.5126

■ 57.9844, 43.3337,
29.9287

■ 7.1836, 35.8815,
5.0285

■ 69.0949, 44.8249,
33.3502

0.0000, INF, NaN

0.0000, NaN, NaN

■ 80.8364, 46.2095,
36.6258

0.0000, NaN, NaN

■ 93.1766, 47.4940,
39.7804

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 106.0877, 48.6850,


42.8337


0.0000, NaN, NaN


 119.5456, 49.7886,
45.8016

 28.8612, 38.1900,
18.4527


 28.8612, 38.1900,
18.4527


 28.8620, 38.1871,
18.4531

 30.3623, 34.2166,
18.3811

 32.2496, 29.7780,
17.9845

 34.5067, 25.1582,
17.1185

 37.0967, 20.5448,
15.8420

 39.9808, 16.0618,
14.2280

■ 43.1218, 11.7786,
12.3461

■ 46.4866, 7.7253,
10.2548

■ 50.0466, 3.9064,
8.0002

■ 53.7774, 0.3116,
5.6174

Harmonies

Analogous

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



28.8621, 56.7195, 10.5900



28.8612, 38.1900, 18.4527



28.8621, 11.2989, 20.2035

Triad

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



28.8621, 38.1868, 18.4531



28.8621, -33.5806, 10.7278



28.8621, 11.0352, -79.0474

Complementary

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



28.8612, 38.1900, 18.4527



39.7884, -12.5821, -22.5709

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.



28.8621, -12.4678, -78.8717



28.8612, 38.1900, 18.4527



28.8621, -33.6104, -11.8284

Square

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



28.8621, 38.1868, 18.4531



28.8621, -27.0794, 18.4885



28.8621, -27.1806, -48.4653



28.8621, 37.9411, -48.8418

Rectangle

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



28.8612, 38.1900, 18.4527



28.8621, -5.2804, 20.2035



28.8621, -27.1806, -48.4653



28.8621, 2.3979, -83.0263

Sweetspot

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



28.8621, 38.1868, 18.4531



62.3727, 10.7274, 13.9948



29.1170, 54.7062, -18.7254



28.4160, 6.0171, 7.0916



88.7363, -4.7347, 4.8212



36.4511, -1.9449, 1.9805

Same Dimension

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



28.8621, 38.1868, 18.4531



38.5713, 52.4614, 24.6859



43.1418, 5.1105, 26.6732



26.2342, 0.0258, 2.6380



26.2819, 34.3930, 16.7969



4.2516, 2.6467, 2.6661

Inverse Universe

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



39.7884, -12.5821, -22.5709



53.3327, -16.5502, -30.9341



20.5345, 24.1216, -77.7377



26.9252, -2.7549, 0.2333



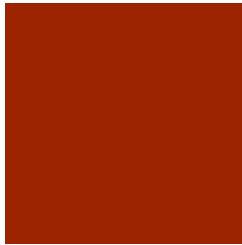
36.1858, -11.5236, -20.3529



5.4103, -2.3067, -1.7830

Previews

White Background



This preview shows how the HunterLab color 28.8612, 38.1900, 18.4527 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 28.8612, 38.1900, 18.4527 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

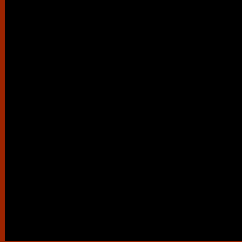
Any Text WCAG AA × Fail

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 28.8612, 38.1900, 18.4527 Background



This preview shows how black text looks on a background with the HunterLab color 28.8612, 38.1900, 18.4527.



This preview shows how white text looks on a background with the HunterLab color 28.8612, 38.1900,

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

28.8612, 38.1900, 18.4527

Protanopia

29.2529, -4.1061, 16.7938

Deuteranopia

29.3176, 1.1872, 18.0862



Tritanopia

28.8574, 39.6304, 15.3662

Trichromacy



Original Color

28.8612, 38.1900, 18.4527

Protanomaly

27.6290, 11.1585, 16.5408

Deuteranomaly

28.0002, 15.3210, 17.5218

Tritanomaly

28.8581, 38.9159, 16.9040

Monochromacy



Original Color

28.8612, 38.1900, 18.4527

Achromatopsia

24.0428, -1.2829, 1.3063

Achromatomaly

23.9000, 11.2452, 9.2542

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 28.8612, 38.1900, 18.4527 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(156, 36, 0)` looks like.

```
.text, #text, p{  
    color:rgb(156, 36, 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(156, 36, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(156, 36, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 28.8612, 38.1900, 18.4527 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(156, 36, 0) }
```


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

```
.border{ border-color:rgb(156, 36, 0) }
```

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

Here you see how a box with a 4 pixel rgb(156, 36, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(156, 36, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(156, 36, 0);  
box-shadow:4px 4px 4px 4px rgb(156, 36, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 28.8612, 38.1900, 18.4527 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(156, 36, 0) }
```

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

```
.background{ background-color: rgb(156, 36,  
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](#).

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