

Converting Colors

HunterLab(29.8087, 17.1512,
18.6682)

Have a look what the booklet for
HunterLab(29.8087, 17.1512,
18.6682) contains.

HunterLab(29.8043, 17.4418, 18.6706)	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(29.8043, 17.4418,
18.6706)**

Conversions

Conversions Part 1	
Format	Color
Hex	854200
RGB	133, 66, 0
RGB Percent	52%, 26%, 0%
CMY	0.4784, 0.7412, 1.0000
CMYK	0.00, 0.50, 1.00, 0.48
HSL	30°, 100%, 26%
HSV	30°, 100%, 52%
XYZ	11.6211, 8.8830, 1.1021
YIQ	78.5090, 61.1180, -6.3220

Conversions

Conversions Part 2

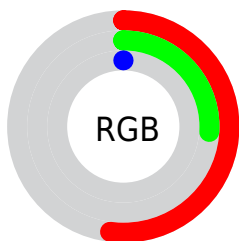
Format	Color
RYB	133, 131, 0
Decimal	8733184
CIELab	35.76, 25.07, 45.97
CIELCh	36, 52.364, 61.399
Yxy	8.8834, 0.5378, 0.4111
Android (android.graphics.Color)	4286923264 (0xFF854200)
YUV	78.5090, -38.7049, 47.7886
Hunter-Lab	29.8043, 17.4418, 18.6706

Details

The HunterLab color **29.8043, 17.4418, 18.6706** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **23.8903, 4.8197, -40.2648**, and the grayscale version is **27.9053, -1.4890, 1.5161**.

A 20% lighter version of the original color is **48.7083, 19.2461, 26.2509**, and **14.2717, 15.4311, 9.0643** is the 20% darker color. If you saturate the color by 10%, you get **29.8048, 17.4402, 18.6709**, and if you desaturate by 10%, it is **31.2132, 14.6338, 18.7467**.

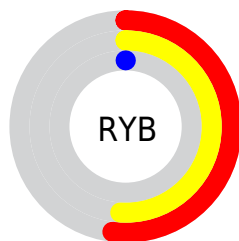
Distribution



Red (52%)

Green (26%)

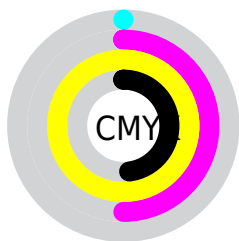
Blue (0%)



Red (52%)

Yellow (51%)

Blue (0%)

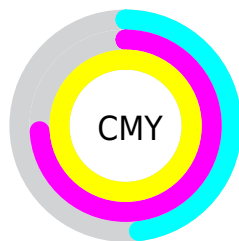


Cyan (0%)

Magenta (50%)

Yellow (100%)

Black (48%)



Cyan (48%)













Magenta (74%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 29.8043, 17.4418, 18.6706 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 29.8043, 17.4418, 18.6706 by changing the saturation by 10% instead.


 29.8043, 17.4418, 18.6706	 29.8043, 17.4418, 18.6706
 135.0948, 22.1655, 47.8914	 21.5992, 16.3873, 15.1194
 48.6549, 19.1412, 26.2640	 14.3256, 15.1804, 10.0279
 59.1719, 19.8217, 29.7319	 7.9847, 14.5676, 5.5893
 70.3535, 20.4056, 33.0331	0.0000, INF, NaN
	0.0000, NaN, NaN
 82.1621, 20.9027, 36.1975	0.0000, NaN, NaN
	0.0000, NaN, NaN
 94.5663, 21.3210, 39.2486	0.0000, NaN, NaN
	0.0000, NaN, NaN
 107.5385, 21.6673,	


42.2051


0.0000, NaN, NaN


 121.0551, 21.9472,
45.0821

 29.8043, 17.4418,
18.6706


 29.8043, 17.4418,
18.6706


 29.8048, 17.4402,
18.6709

 31.2132, 14.6338,
18.7467

 32.7325, 11.9270,
18.5436

 34.3673, 9.4042,
17.8933

 36.1103, 7.0847,
16.8046

 37.9539, 4.9762,
15.3005

■ 39.8906, 3.0777,
13.4108

■ 41.9130, 1.3830,
11.1677

■ 44.0145, -0.1177,
8.6034

■ 46.1889, -1.4359,
5.7483

Harmonies

Analogous

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



29.8051, 35.2953, 14.4241



29.8043, 17.4418, 18.6706



29.8051, -2.4565, 19.5695

Triad

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



29.8051, 17.4396, 18.6709



29.8051, -29.4885, 0.7833



29.8051, 19.3199, -44.1861

Complementary

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



29.8043, 17.4418, 18.6706



23.8903, 4.8197, -40.2648

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.



29.8051, -0.7174, -55.9858



29.8043, 17.4418, 18.6706



29.8051, -26.3017, -21.9692

Square

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



29.8051, 17.4396, 18.6709



29.8051, -26.8537, 13.7085



29.8051, -16.7933, -46.0672



29.8051, 36.5541, -19.5727

Rectangle

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



29.8043, 17.4418, 18.6706



29.8051, -13.5026, 19.0696



29.8051, -16.7933, -46.0672



29.8051, 12.5439, -50.2804

Sweetspot

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



29.8051, 17.4396, 18.6709



55.9000, 1.9974, 15.1643



23.2653, 41.6736, 0.8341



26.0691, 1.3212, 7.7262



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



29.8051, 17.4396, 18.6709



39.4891, 24.2558, 24.7576



46.0009, -11.5866, 28.1426



22.4546, -0.7469, 2.6559



29.1165, 16.9576, 18.2383



2.0959, 0.2206, 1.2953

Inverse Universe

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



23.8903, 4.8197, -40.2648



31.4729, 7.4115, -55.3377



13.1971, 34.4937, -90.9565



22.1436, -1.5587, -0.3076



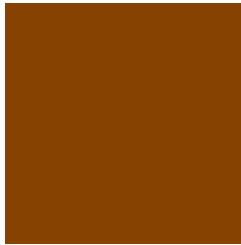
23.3507, 4.6381, -39.1987



1.8296, -0.4784, -1.2540

Previews

White Background



This preview shows how the HunterLab color 29.8043, 17.4418, 18.6706 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 29.8043, 17.4418, 18.6706 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

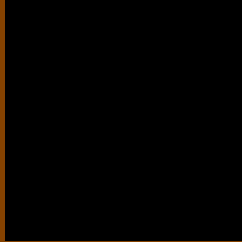
Any Text WCAG AA × Fail

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 29.8043, 17.4418, 18.6706 Background



This preview shows how black text looks on a background with the HunterLab color 29.8043, 17.4418, 18.6706.



This preview shows how white text looks on a background with the HunterLab color 29.8043, 17.4418,

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

29.8043, 17.4418, 18.6706

Protanopia

30.0172, -4.1325, 17.7371

Deuteranopia

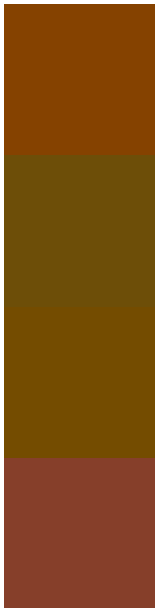
30.0178, 1.0219, 18.5147



Tritanopia

29.8022, 23.5758, 8.5226

Trichromacy



Original Color
29.8043, 17.4418, 18.6706

Protanomaly
29.5254, 3.1939, 17.7880

Deuteranomaly
29.8025, 6.4636, 18.4773

Tritanomaly
29.6488, 20.5226, 14.2483

Monochromacy



Original Color
29.8043, 17.4418, 18.6706

Achromatopsia
27.9620, -1.4920, 1.5192

Achromatomaly
27.8935, 3.4694, 10.8344

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 29.8043, 17.4418, 18.6706 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(133, 66, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 66, 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(133, 66, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 66, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 29.8043, 17.4418, 18.6706 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(133, 66, 0) }
```


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

```
.border{ border-color:rgb(133, 66, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 66, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 66, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 66, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 66, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 29.8043, 17.4418, 18.6706 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 66, 0) }
```

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

```
.background{ background-color: rgb(133, 66,  
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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