

Converting Colors

HunterLab(17.4045, 13.0094,
10.9523)

Have a look what the booklet for
HunterLab(17.4045, 13.0094,
10.9523) contains.

HunterLab(17.4037, 12.9098, 10.9501)	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(17.4037, 12.9098,
10.9501)**

Conversions

Conversions Part 1	
Format	Color
Hex	542200
RGB	84, 34, 0
RGB Percent	33%, 13%, 0%
CMY	0.6706, 0.8667, 1.0000
CMYK	0.00, 0.60, 1.00, 0.67
HSL	24°, 100%, 16%
HSV	24°, 100%, 33%
XYZ	4.2282, 3.0289, 0.3618
YIQ	45.0740, 40.7140, 0.0260

Conversions

Conversions Part 2

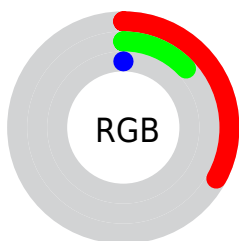
Format	Color
RYB	84, 57, 0
Decimal	5513728
CIELab	20.16, 21.30, 29.58
CIELCh	20, 36.455, 54.242
Yxy	3.0291, 0.5550, 0.3976
Android (android.graphics.Color)	4283703808 (0xFF542200)
YUV	45.0740, -22.2215, 34.1381
Hunter-Lab	17.4037, 12.9098, 10.9501

Details

The HunterLab color **17.4037, 12.9098, 10.9501** is a dark color, and the websafe version is hex **663300**. A complement of this color would be **17.0911, -1.2853, -18.5877**, and the grayscale version is **16.2855, -0.8690, 0.8848**.

A 20% lighter version of the original color is **33.6836, 14.5181, 16.2761**, and **5.9960, 10.3048, 3.5911** is the 20% darker color. If you saturate the color by 10%, you get **17.4041, 12.9085, 10.9503**, and if you desaturate by 10%, it is **18.3152, 11.1017, 10.6992**.

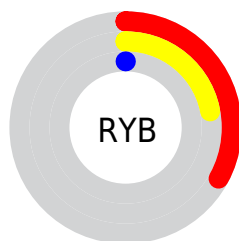
Distribution



Red (33%)

Green (13%)

Blue (0%)



Red (33%)

Yellow (22%)

Blue (0%)

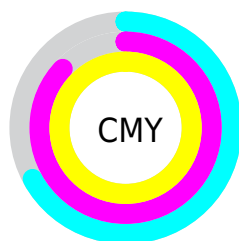


Cyan (0%)

Magenta (60%)

Yellow (100%)

Black (67%)



Cyan (67%)


Magenta (87%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 17.4037, 12.9098, 10.9501 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 17.4037, 12.9098, 10.9501 by changing the saturation by 10% instead.


 17.4037, 12.9098,
10.9501


 17.4037, 12.9098,
10.9501

 113.4214, 17.4552,
32.1699


 10.7094, 11.7945,
7.4966

 33.6862, 14.6567,
16.2964

 1.3305, 69.7012,
0.9313


 43.0730, 15.3307,
18.8532

0.0000, NaN, NaN


 53.1989, 15.8951,
21.2709

0.0000, NaN, NaN

0.0000, NaN, NaN

 64.0134, 16.3632,
23.5829

0.0000, NaN, NaN

 75.4751, 16.7454,
25.8133


0.0000, NaN, NaN


0.0000, NaN, NaN


 87.5495, 17.0504,


27.9797


0.0000, NaN, NaN

 100.2068, 17.2851,
30.0951


 17.4037, 12.9098,
10.9501


 17.4037, 12.9098,
10.9501


 17.4041, 12.9085,
10.9503

 18.3152, 11.1017,
10.6992

 19.3034, 9.2783,
10.4533

 20.3782, 7.5412,
9.9800

 21.5326, 5.9088,
9.2874

 22.7598, 4.3888,
8.3949

■ 24.0531, 2.9828,
7.3232

■ 25.4065, 1.6880,
6.0922

■ 26.8144, 0.4990,
4.7203

■ 28.2721, -0.5907,
3.2240

Harmonies

Analogous

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



17.4042, 22.2783, 7.2524



17.4037, 12.9098, 10.9501



17.4042, 1.1985, 12.1829

Triad

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



17.4042, 12.9084, 10.9503



17.4042, -17.1190, 2.8112



17.4042, 8.4205, -28.3094

Complementary

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



17.4037, 12.9098, 10.9501



17.0911, -1.2853, -18.5877

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.



17.4042, -2.9600, -32.2843



17.4037, 12.9098, 10.9501



17.4042, -16.0791, -9.2434

Square

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



17.4042, 12.9084, 10.9503



17.4042, -14.7536, 8.9783



17.4042, -11.4578, -23.8365



17.4042, 19.2769, -14.9543

Rectangle

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



17.4037, 12.9098, 10.9501



17.4042, -5.7390, 12.1829



17.4042, -11.4578, -23.8365



17.4042, 4.4665, -31.0296

Sweetspot

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



17.4042, 12.9084, 10.9503



33.3905, 2.4023, 8.2303



14.5553, 26.5322, -3.0437



16.6665, 1.4336, 4.3846



69.0652, -3.6851, 3.7524



19.9203, -1.0629, 1.0823

Same Dimension

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



17.4042, 12.9084, 10.9503



22.6337, 17.9785, 14.2615



26.4551, -4.3749, 16.2249



14.1748, -0.3620, 1.5032



21.5753, 16.9501, 13.5913



50.1575, 44.9378, 31.6935

Inverse Universe

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



17.0911, -1.2853, -18.5877



22.2017, -1.0577, -25.4668



9.0689, 17.4208, -48.9416



14.1692, -1.1111, 0.0097



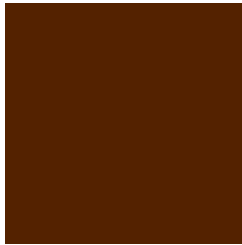
21.1680, -1.1061, -24.0704



49.0300, 0.3995, -62.1456

Previews

White Background



This preview shows how the HunterLab color 17.4037, 12.9098, 10.9501 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 17.4037, 12.9098, 10.9501 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

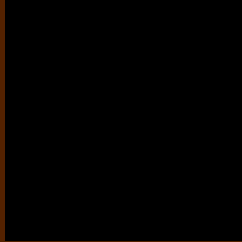
Any Text WCAG AA × Fail

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 17.4037, 12.9098, 10.9501 Background



This preview shows how black text looks on a background with the HunterLab color 17.4037, 12.9098, 10.9501.



This preview shows how white text looks on a background with the HunterLab color 17.4037, 12.9098,

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

17.4037, 12.9098, 10.9501

Protanopia

17.7186, -2.6456, 10.1031

Deuteranopia

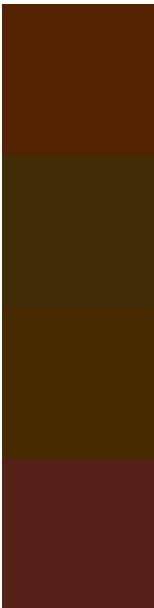
17.5778, 0.3778, 10.8380



Tritanopia

17.5494, 15.5838, 5.9738

Trichromacy



Original Color
17.4037, 12.9098, 10.9501

Protanomaly
17.2353, 2.7188, 10.1740

Deuteranomaly
17.3076, 5.0506, 10.7533

Tritanomaly
17.5412, 14.4335, 8.4958

Monochromacy



Original Color
17.4037, 12.9098, 10.9501

Achromatopsia
16.1991, -0.8643, 0.8801

Achromatomaly
16.1381, 2.9313, 5.7250

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 17.4037, 12.9098, 10.9501 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(84, 34, 0)` looks like.

```
.text, #text, p{  
    color:rgb(84, 34, 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(84, 34, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(84, 34, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 17.4037, 12.9098, 10.9501 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(84, 34, 0) }
```


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

```
.border{ border-color:rgb(84, 34, 0) }
```

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

Here you see how a box with a 4 pixel rgb(84, 34, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(84, 34, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(84, 34, 0); box-shadow:4px  
4px 4px 4px rgb(84, 34, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 17.4037, 12.9098, 10.9501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(84, 34, 0) }
```

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

```
.background{ background-color: rgb(84, 34,  
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