

Converting Colors

HunterLab(13.8254, 13.1179,
7.8802)

Have a look what the booklet for
HunterLab(13.8254, 13.1179,
7.8802) contains.

HunterLab(13.8880, 13.2752, 7.9319)	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(13.8880, 13.2752,
7.9319)**

Conversions

Conversions Part 1

Format	Color
Hex	471607
RGB	71, 22, 7
RGB Percent	28%, 9%, 3%
CMY	0.7216, 0.9137, 0.9725
CMYK	0.00, 0.69, 0.90, 0.72
HSL	14°, 82%, 15%
HSV	14°, 90%, 28%
XYZ	2.9238, 1.9288, 0.4192
YIQ	34.9410, 34.0190, 5.7230

Conversions

Conversions Part 2

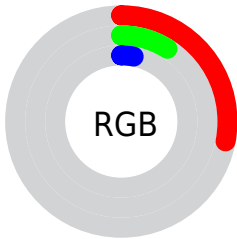
Format	Color
RYB	71, 27, 7
Decimal	4658695
CIELab	15.11, 22.57, 20.05
CIELCh	15, 30.195, 41.617
Yxy	1.9289, 0.5546, 0.3659
Android (android.graphics.Color)	4282848775 (0xFF471607)
YUV	34.9410, -13.7749, 31.6237
Hunter-Lab	13.8880, 13.2752, 7.9319

Details

The HunterLab color **13.8880, 13.2752, 7.9319** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **18.2434, -6.1049, -8.2390**, and the grayscale version is **12.9808, -0.6926, 0.7053**.

A 20% lighter version of the original color is **29.2358, 15.6267, 11.7000**, and **1.6066, 2.7514, 1.0382** is the 20% darker color. If you saturate the color by 10%, you get **13.1511, 14.9016, 8.3645**, and if you desaturate by 10%, it is **14.7503, 11.4661, 7.6053**.

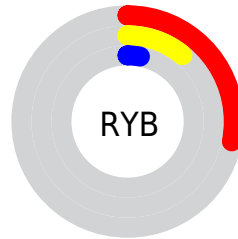
Distribution



Red (28%)

Green (9%)

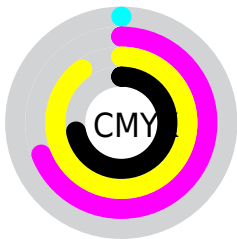
Blue (3%)



Red (28%)

Yellow (11%)

Blue (3%)

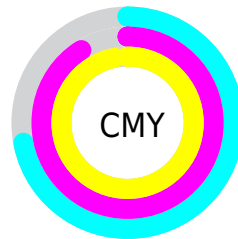


Cyan (0%)

Magenta (69%)

Yellow (90%)

Black (72%)



Cyan (72%)

Magenta (91%)

Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 13.8880, 13.2752, 7.9319 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 13.8880, 13.2752, 7.9319 by changing the saturation by 10% instead.

■ 13.8880, 13.2752,
7.9319

■ 13.8880, 13.2752,
7.9319

■ 106.6793, 18.8117,
23.8047

■ 7.5210, 13.2686,
5.2647

■ 29.2459, 15.3072,
11.7711

0.0000, INF, NaN

0.0000, NaN, NaN

■ 38.2363, 16.1064,
13.6636

0.0000, NaN, NaN

■ 47.9959, 16.7855,
15.4656

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 58.4683, 17.3594,
17.2037

0.0000, NaN, NaN


■ 69.6079, 17.8402,
18.8957


0.0000, NaN, NaN


■ 81.3768, 18.2375,


0.0000, NaN, NaN


20.5541


 93.7432, 18.5592,
22.1882

 13.8880, 13.2752,
7.9319


 13.8880, 13.2752,
7.9319


 13.1511, 14.9016,
8.3645

 14.7503, 11.4661,
7.6053

 15.7329, 9.6373,
7.1526

 16.8257, 7.8431,
6.5671

 18.0162, 6.1126,
5.8722

 19.2930, 4.4610,
5.0893

■ 20.6461, 2.8940,
4.2359

■ 22.0664, 1.4110,
3.3261

■ 23.5466, 0.0079,
2.3706

■ 25.0800, -1.3213,
1.3779

Harmonies

Analogous

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



13.8884, 18.5417, 3.4726



13.8880, 13.2752, 7.9319



13.8884, 4.6430, 9.7219

Triad

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



13.8884, 13.2740, 7.9321



13.8884, -12.8493, 4.7336



13.8884, 2.6112, -23.7578

Complementary

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



13.8880, 13.2752, 7.9319



18.2434, -6.1049, -8.2390

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.



13.8884, -5.4136, -22.6570



13.8880, 13.2752, 7.9319



13.8884, -13.1473, -2.6520

Square

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



13.8884, 13.2740, 7.9321



13.8884, -9.8114, 8.6841



13.8884, -10.7510, -13.5294



13.8884, 11.4899, -15.9968

Rectangle

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



13.8880, 13.2752, 7.9319



13.8884, -1.1882, 9.7219



13.8884, -10.7510, -13.5294



13.8884, -0.2897, -24.4953

Sweetspot

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



13.8884, 13.2740, 7.9321



27.2258, 3.3510, 5.2662



13.3332, 22.0503, -8.0734



13.6398, 1.8232, 2.7379



64.8100, -3.4581, 3.5212



16.4960, -0.8802, 0.8963

Same Dimension

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



13.8884, 13.2740, 7.9321



16.7948, 20.2592, 10.7035



19.9677, 0.3938, 11.7139



12.4922, -0.1059, 1.1661



18.1751, 22.2837, 11.5895



43.4595, 59.2601, 27.8170

Inverse Universe

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



18.2434, -6.1049, -8.2390



22.7700, -7.4652, -12.3454



10.7525, 6.9640, -26.1230



12.7622, -1.2057, 0.2000



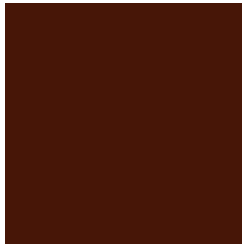
24.6928, -8.0250, -13.5401



59.7651, -18.1364, -35.5500

Previews

White Background



This preview shows how the HunterLab color 13.8880, 13.2752, 7.9319 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

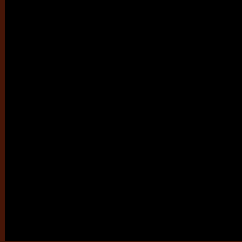
Any Text WCAG AA × Fail

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 13.8880, 13.2752, 7.9319 Background



This preview shows how black text looks on a background with the HunterLab color 13.8880, 13.2752, 7.9319.

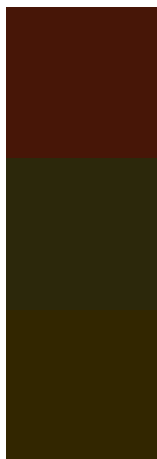


This preview shows how white text looks on a background with the HunterLab color 13.8880, 13.2752,

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

13.8880, 13.2752, 7.9319

Protanopia

14.4126, -2.2118, 7.5398

Deuteranopia

14.3678, -0.1907, 8.8500



Tritanopia

13.9063, 14.3195, 5.5834

Trichromacy



Original Color

13.8880, 13.2752, 7.9319

Protanomaly

13.7619, 3.4139, 7.3026

Deuteranomaly

13.9253, 4.8294, 8.2985

Tritanomaly

13.8434, 14.0426, 6.5048

Monochromacy



Original Color

13.8880, 13.2752, 7.9319

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.7558, 3.6867, 3.6498

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 13.8880, 13.2752, 7.9319 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(71, 22, 7)` looks like.

```
.text, #text, p{  
    color:rgb(71, 22, 7)  
}
```

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(71, 22, 7) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 22, 7) }
```

Border

The CSS property to change the border of an element to HunterLab 13.8880, 13.2752, 7.9319 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(71, 22, 7) }
```


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

```
.border{ border-color:rgb(71, 22, 7) }
```

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

Here you see how a box with a 4 pixel rgb(71, 22, 7) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 22, 7); -webkit-box-shadow:4px  
4px 4px 4px rgb(71, 22, 7); box-shadow:4px  
4px 4px 4px rgb(71, 22, 7) }
```

Background

The CSS property to change the background color of an element to HunterLab 13.8880, 13.2752, 7.9319 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 22, 7) }
```

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

```
.background{ background-color: rgb(71, 22,  
7) }
```

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