

Converting Colors

HunterLab(12.8301, 5.1873,
7.6766)

Have a look what the booklet for
HunterLab(12.8301, 5.1873, 7.6766)
contains.

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Color

**HunterLab(12.8340, 5.3817,
7.7371)**

Conversions

Conversions Part 1

Format	Color
Hex	371C02
RGB	55, 28, 2
RGB Percent	22%, 11%, 1%
CMY	0.7843, 0.8902, 0.9922
CMYK	0.00, 0.49, 0.96, 0.78
HSL	29°, 93%, 11%
HSV	29°, 96%, 22%
XYZ	2.0018, 1.6471, 0.2699
YIQ	33.1090, 24.4380, -2.3620

Conversions

Conversions Part 2

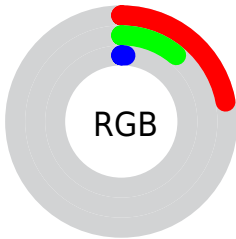
Format	Color
R_{YB}	55, 53, 2
Decimal	3611650
CIE _{Lab}	13.51, 10.86, 19.44
CIE _{LCh}	14, 22.269, 60.810
Yxy	1.6472, 0.5108, 0.4203
Android (android.graphics.Color)	4281801730 (0xFF371C02)
YUV	33.1090, -15.3367, 19.1984
Hunter-Lab	12.8340, 5.3817, 7.7371

Details

The HunterLab color **12.8340, 5.3817, 7.7371** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **10.8047, 0.1560, -13.1733**, and the grayscale version is **12.4082, -0.6621, 0.6742**.

A 20% lighter version of the original color is **27.9277, 5.9700, 11.1446**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6305, 5.6962, 7.8826**, and if you desaturate by 10%, it is **13.4105, 4.5038, 7.3900**.

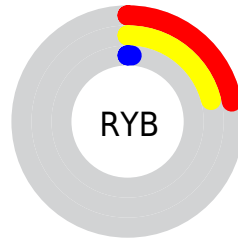
Distribution



Red (22%)

Green (11%)

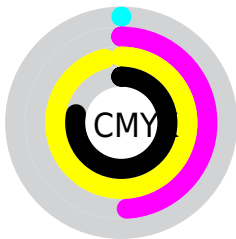
Blue (1%)



Red (22%)

Yellow (21%)

Blue (1%)

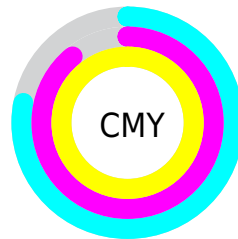


Cyan (0%)

Magenta (49%)

Yellow (96%)

Black (78%)



Cyan (78%)

Magenta (89%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8340, 5.3817, 7.7371 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 12.8340, 5.3817, 7.7371 by changing the saturation by 10% instead.

■ 12.8340, 5.3817,
7.7371

■ 12.8340, 5.3817,
7.7371

■ 104.5793, 5.8746,
23.0552

■ 6.2379, 7.2536,
4.3665

■ 27.8879, 6.1074,
11.2293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.7495, 6.2962,
13.0914

0.0000, NaN, NaN

■ 46.3905, 6.3947,
14.8625

0.0000, NaN, NaN

■ 56.7525, 6.4153,
16.5699

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7884, 6.3673,
18.2318


0.0000, NaN, NaN

■ 79.4593, 6.2576,


0.0000, NaN, NaN


19.8609


 91.7323, 6.0918,
21.4665

 12.8340, 5.3817,
7.7371

 12.8340, 5.3817,
7.7371


 12.6305, 5.6962,
7.8826

 13.4105, 4.5038,
7.3900

 14.0104, 3.6258,
7.0851

 14.6427, 2.8048,
6.6668

 15.3067, 2.0500,
6.1204

 16.0003, 1.3609,
5.4545

■ 16.7214, 0.7359,
4.6782

■ 17.4680, 0.1723,
3.8004

■ 18.2384, -0.3329,
2.8297

■ 19.0309, -0.7833,
1.7742

Harmonies

Analogous

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



12.8343, 10.6858, 5.1421



12.8340, 5.3817, 7.7371



12.8343, -0.8467, 8.6499

Triad

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



12.8343, 5.3809, 7.7372



12.8343, -10.2345, 0.5439



12.8343, 5.7120, -12.5949

Complementary

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



12.8340, 5.3817, 7.7371



10.8047, 0.1560, -13.1733

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.



12.8343, -0.5234, -15.6310



12.8340, 5.3817, 7.7371



12.8343, -9.1039, -6.2148

Square

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



12.8343, 5.3809, 7.7372



12.8343, -9.2202, 4.9660



12.8343, -5.7997, -12.8873



12.8343, 10.9002, -5.8192

Rectangle

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



12.8340, 5.3817, 7.7371



12.8343, -4.5005, 8.1814



12.8343, -5.7997, -12.8873



12.8343, 3.6347, -14.1956

Sweetspot

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



12.8343, 5.3809, 7.7372



22.1649, 0.5086, 5.3833



9.7276, 16.4429, -0.9554



11.5222, 0.3079, 2.8785



60.6009, -3.2335, 3.2926



13.1868, -0.7036, 0.7165

Same Dimension

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



12.8343, 5.3809, 7.7372



15.9954, 8.0515, 9.9972



18.6166, -4.6670, 11.2068



10.4184, -0.3850, 1.0999



20.3583, 11.1364, 12.7397



50.7396, 33.0080, 31.8434

Inverse Universe

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



10.8047, 0.1560, -13.1733



13.2077, 1.1104, -18.9054



5.9275, 12.0897, -32.2888



10.3096, -0.6989, 0.0044



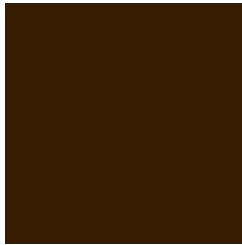
16.6834, 2.1540, -25.5027



40.8107, 9.8830, -72.3444

Previews

White Background



This preview shows how the HunterLab color 12.8340, 5.3817, 7.7371 looks on a white background.

Color Contrast Check

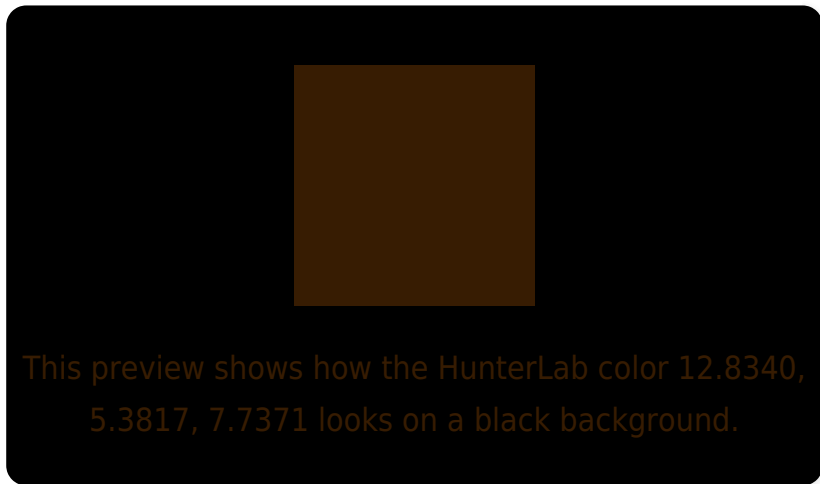
Large Text (above 18pt) WCAG AA ✓ Pass

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

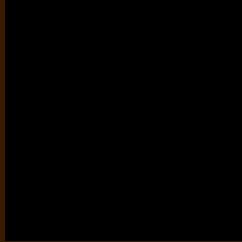
Any Text WCAG AA × Fail

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 12.8340, 5.3817, 7.7371 Background



This preview shows how black text looks on a background with the HunterLab color 12.8340, 5.3817, 7.7371.

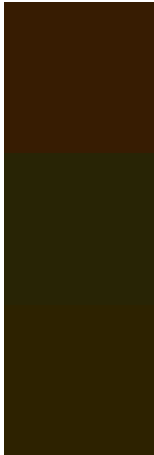


This preview shows how white text looks on a background with the HunterLab color 12.8340, 5.3817,

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

12.8340, 5.3817, 7.7371

Protanopia

13.1295, -2.1302, 7.4046

Deuteranopia

13.0459, -0.1964, 8.0354



Tritanopia

12.8972, 8.0151, 3.0371

Trichromacy



Original Color

12.8340, 5.3817, 7.7371

Protanomaly

12.8622, 0.3612, 7.4025

Deuteranomaly

12.9930, 1.8345, 7.9073

Tritanomaly

12.9292, 6.9238, 5.2629

Monochromacy



Original Color

12.8340, 5.3817, 7.7371

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.2854, 1.0103, 3.9247

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8340, 5.3817, 7.7371 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(55, 28, 2)` looks like.

```
.text, #text, p{  
    color:rgb(55, 28, 2)  
}
```

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(55, 28, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 28, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8340, 5.3817, 7.7371 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(55, 28, 2) }
```


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

```
.border{ border-color:rgb(55, 28, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 28, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 28, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(55, 28, 2); box-shadow:4px  
4px 4px 4px rgb(55, 28, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8340, 5.3817, 7.7371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 28, 2) }
```

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

```
.background{ background-color: rgb(55, 28,  
2) }
```

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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