

Converting Colors

HunterLab(12.8731, 13.4809,
1.8023)

Have a look what the booklet for
HunterLab(12.8731, 13.4809,
1.8023) contains.

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Color

**HunterLab(12.8842, 13.5836,
1.8887)**

Conversions

Conversions Part 1

Format	Color
Hex	401320
RGB	64, 19, 32
RGB Percent	25%, 7%, 13%
CMY	0.7490, 0.9255, 0.8745
CMYK	0.00, 0.70, 0.50, 0.75
HSL	343°, 54%, 16%
HSV	343°, 70%, 25%
XYZ	2.6079, 1.6600, 1.5495
YIQ	33.9370, 22.6470, 13.5830

Conversions

Conversions Part 2

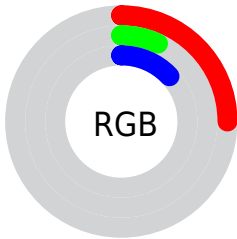
Format	Color
R_{YB}	64, 19, 32
Decimal	4199200
CIE Lab	13.59, 23.26, 2.55
CIE LCh	14, 23.398, 6.267
Yxy	1.6601, 0.4483, 0.2854
Android (android.graphics.Color)	4282389280 (0xFF401320)
YUV	33.9370, -0.9549, 26.3653
Hunter-Lab	12.8842, 13.5836, 1.8887




Details

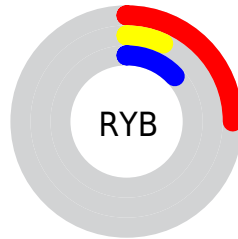
The HunterLab color **12.8842, 13.5836, 1.8887** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **20.1105, -11.2317, 2.9607**, and the grayscale version is **12.6261, -0.6737, 0.6860**.




A 20% lighter version of the original color is **27.8675, 15.7801, 2.9009**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.0375, 15.3583, 2.4440**, and if you desaturate by 10%, it is **13.9046, 11.5811, 1.4639**.

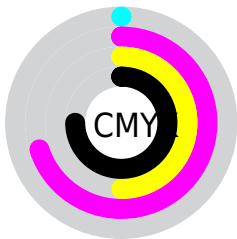
Distribution







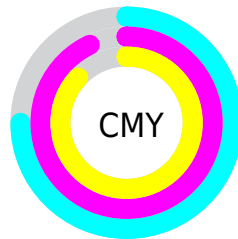
-  Red (25%)
-  Green (7%)
-  Blue (13%)






-  Red (25%)
-  Yellow (7%)
-  Blue (13%)



-  Cyan (0%)
-  Magenta (70%)
-  Yellow (50%)
-  Black (75%)



-  Cyan (75%)
-  Magenta (93%)
-  Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8842, 13.5836, 1.8887 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 12.8842, 13.5836, 1.8887 by changing the saturation by 10% instead.

12.8842, 13.5836,
1.8887

12.8842, 13.5836,
1.8887

104.6803, 19.5490,
8.1782

6.3058, 15.8576,
2.0221

27.9529, 15.7325,
3.0908

0.0000, NaN, NaN

0.0000, NaN, NaN

36.8207, 16.5854,
3.7332

0.0000, NaN, NaN

46.4675, 17.3145,
4.4045

0.0000, NaN, NaN

56.8349, 17.9351,
5.1044

0.0000, NaN, NaN

0.0000, NaN, NaN

67.8758, 18.4596,
5.8324

0.0000, NaN, NaN

79.5515, 18.8982,

0.0000, NaN, NaN

6.5879

91.8290, 19.2591,
7.3701

12.8842, 13.5836,
1.8887

12.8842, 13.5836,
1.8887

12.0375, 15.3583,
2.4440

13.9046, 11.5811,
1.4639

11.3406, 16.9115,
3.0743

15.0773, 9.4587,
1.1696

10.6549, 18.6718,
3.5907

16.3822, 7.2914,
0.9963

17.8007, 5.1271,
0.9299

19.3168, 2.9926,
0.9549

■ 20.9170, 0.9003,
1.0571

■ 22.5902, -1.1458,
1.2242

■ 24.3272, -3.1468,
1.4457

■ 26.1206, -5.1062,
1.7132

Harmonies

Analogous

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



12.8845, 12.2770, -4.8069



12.8842, 13.5836, 1.8887



12.8845, 10.5163, 5.9329

Triad

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



12.8845, 13.5826, 1.8890



12.8845, -7.0601, 7.5492



12.8845, -5.1812, -14.7877

Complementary

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



12.8842, 13.5836, 1.8887



20.1105, -11.2317, 2.9607

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.



12.8845, -9.0236, -8.0705



12.8842, 13.5836, 1.8887



12.8845, -9.9548, 4.5093

Square

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



12.8845, 13.5826, 1.8890



12.8845, -1.9752, 8.9625



12.8845, -10.5981, -0.6114



12.8845, 0.6514, -16.6472

Rectangle

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



12.8842, 13.5836, 1.8887



12.8845, 6.6959, 7.7401



12.8845, -10.5981, -0.6114



12.8845, -6.7112, -12.9065

Sweetspot

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



12.8845, 13.5826, 1.8890



25.1133, 4.3990, 1.2452



12.3568, 14.4683, -15.4059



13.0661, 2.4681, 0.6499



63.7533, -3.4017, 3.4638



15.6573, -0.8354, 0.8507

Same Dimension

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



12.8845, 13.5826, 1.8890



15.1869, 21.6896, 3.8645



14.0272, 9.1390, 6.1989



11.5925, 0.2956, 0.5915



16.1854, 28.2357, 6.4458



40.3619, 70.0613, 18.7917

Inverse Universe

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



12.8845, 13.5826, 1.8890



15.1869, 21.6896, 3.8645



18.0030, -6.1203, -4.9881



11.5925, 0.2956, 0.5915



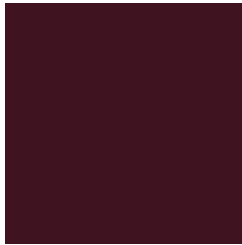
16.1854, 28.2357, 6.4458



40.3619, 70.0613, 18.7917

Previews

White Background



This preview shows how the HunterLab color 12.8842, 13.5836, 1.8887 looks on a white background.

Color Contrast Check

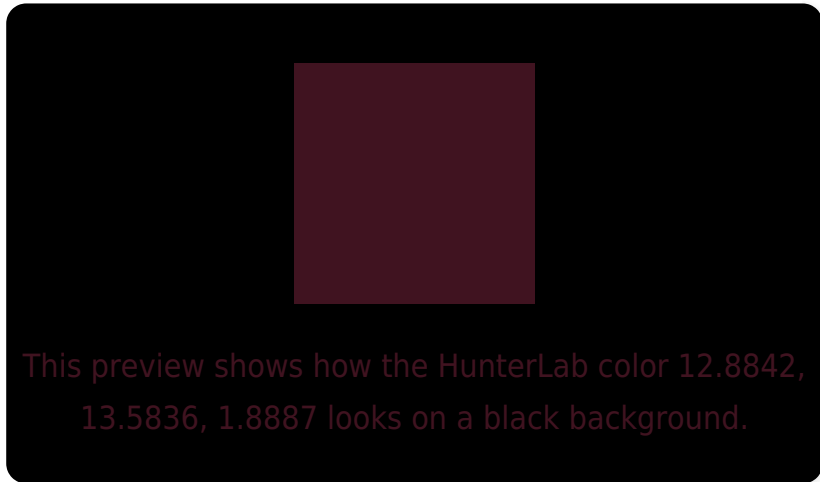
Large Text (above 18pt) WCAG AA ✓ Pass

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

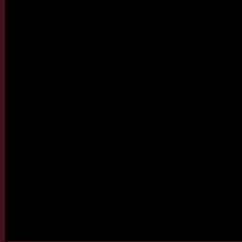
Any Text WCAG AA × Fail

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 12.8842, 13.5836, 1.8887 Background



This preview shows how black text looks on a background with the HunterLab color 12.8842, 13.5836, 1.8887.



This preview shows how white text looks on a background with the HunterLab color 12.8842, 13.5836,

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

12.8842, 13.5836, 1.8887

Protanopia

13.3386, -0.2681, -1.1104

Deuteranopia

13.3718, 0.4971, 2.8021



Tritanopia

12.8492, 11.7281, 4.6204

Trichromacy



Original Color

12.8842, 13.5836, 1.8887

Protanomaly

12.8426, 4.5012, -0.4733

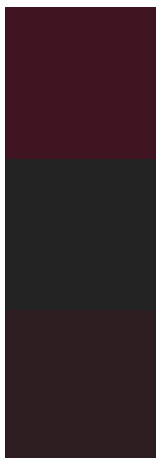
Deuteranomaly

12.8677, 5.2544, 2.0479

Tritanomaly

12.7736, 12.3929, 3.5519

Monochromacy



Original Color

12.8842, 13.5836, 1.8887

Achromatopsia

12.6476, -0.6748, 0.6872

Achromatomaly

12.4355, 4.0186, 0.8730

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8842, 13.5836, 1.8887 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(64, 19, 32)` looks like.

```
.text, #text, p{  
    color:rgb(64, 19, 32)  
}
```

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(64, 19, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 19, 32) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8842, 13.5836, 1.8887 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(64, 19, 32) }
```


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

```
.border{ border-color:rgb(64, 19, 32) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 19, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 19, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 19, 32);  
box-shadow:4px 4px 4px 4px rgb(64, 19, 32)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.8842, 13.5836, 1.8887 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 19, 32) }
```

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

```
.background{ background-color: rgb(64, 19,  
32) }
```

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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