

Converting Colors

HunterLab(13.0819, -1.8784,
0.1939)

Have a look what the booklet for
HunterLab(13.0819, -1.8784, 0.1939)
contains.

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Color

**HunterLab(12.9870, -1.6999,
-0.0177)**

Conversions

Conversions Part 1

Format	Color
Hex	1F2425
RGB	31, 36, 37
RGB Percent	12%, 14%, 15%
CMY	0.8784, 0.8588, 0.8549
CMYK	0.16, 0.03, 0.00, 0.85
HSL	190°, 9%, 13%
HSV	190°, 16%, 15%
XYZ	1.5299, 1.6866, 1.9952
YIQ	34.6190, -3.3010, -0.7490

Conversions

Conversions Part 2

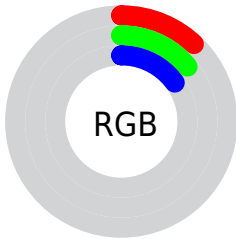
Format	Color
RYB	31, 34, 37
Decimal	2040869
CIELab	13.75, -1.98, -1.44
CIELCh	14, 2.449, 215.924
Yxy	1.6867, 0.2935, 0.3236
Android (android.graphics.Color)	4280230949 (0xFF1F2425)
YUV	34.6190, 1.1738, -3.1739
Hunter-Lab	12.9870, -1.6999, -0.0177

Details

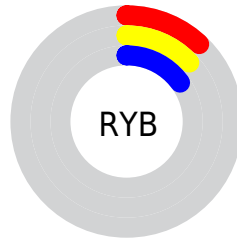
The HunterLab color **12.9870, -1.6999, -0.0177** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **12.3501, 0.4544, 1.3946**, and the grayscale version is **12.8409, -0.6852, 0.6977**.

A 20% lighter version of the original color is **28.0042, -2.5197, 0.3113**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.6314, -2.2316, -0.4712**, and if you desaturate by 10%, it is **13.3608, -1.1149, 0.4463**.

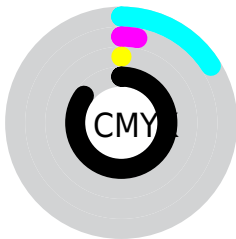
Distribution



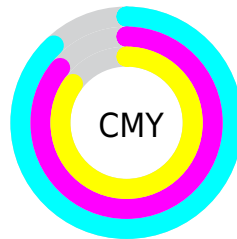
- Red (12%)
- Green (14%)
- Blue (15%)



- Red (12%)
- Yellow (13%)
- Blue (15%)



- Cyan (16%)
- Magenta (3%)
- Yellow (0%)
- Black (85%)



- Cyan (88%)
- Magenta (86%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.9870, -1.6999, -0.0177 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 12.9870, -1.6999, -0.0177 by changing the saturation by 10% instead.

■ 12.9870, -1.6999,
-0.0177

■ 12.9870, -1.6999,
-0.0177

104.8866, -7.6451,
4.2859

■ 6.4422, -1.6853,
-0.5737

■ 28.0858, -2.8098,
0.6024

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.9664, -3.4119,
0.9998

0.0000, NaN, NaN

■ 46.6250, -4.0452,
1.4462

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 57.0032, -4.7086,
1.9373

0.0000, NaN, NaN

■ 68.0544, -5.4013,
2.4693

0.0000, NaN, NaN

■ 79.7397, -6.1221,

0.0000, NaN, NaN

3.0396

■ 92.0265, -6.8704,
3.6458

■ 12.9870, -1.6999,
-0.0177

■ 12.9870, -1.6999,
-0.0177

■ 12.6314, -2.2316,
-0.4712

■ 13.3608, -1.1149,
0.4463

■ 12.2938, -2.7052,
-0.9131

■ 13.7514, -0.4798,
0.9187

■ 11.9751, -3.1172,
-1.3414

■ 14.1583, 0.2011,
1.3982

■ 11.6757, -3.4639,
-1.7542

■ 14.5808, 0.9239,
1.8836

■ 11.3958, -3.7423,
-2.1497

■ 15.0183, 1.6852,
2.3739

■ 11.1347, -3.9546,
-2.5280

■ 15.4700, 2.4814,
2.8680

■ 10.8754, -4.1632,
-2.9136

■ 15.9354, 3.3095,
3.3651

■ 10.6127, -4.3884,
-3.3156

■ 16.4138, 4.1666,
3.8647

■ 10.5124, -4.4782,
-3.4723

■ 16.9045, 5.0501,
4.3661

Harmonies

Analogous

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



12.9873, -1.9255, 0.5824



12.9870, -1.6999, -0.0177



12.9873, -1.2046, -0.4379

Triad

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



12.9873, -1.7001, -0.0175



12.9873, 0.4790, 0.2075



12.9873, -0.8237, 1.8455

Complementary

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



12.9870, -1.6999, -0.0177



12.3501, 0.4544, 1.3946

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.



12.9873, -0.1747, 1.7562



12.9870, -1.6999, -0.0177



12.9873, 0.5859, 0.8302

Square

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



12.9873, -1.7001, -0.0175



12.9873, 0.0553, -0.3035



12.9873, 0.3444, 1.3919



12.9873, -1.4260, 1.6422

Rectangle

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



12.9870, -1.6999, -0.0177



12.9873, -0.7833, -0.5488



12.9873, 0.3444, 1.3919



12.9873, -0.6038, 1.8485

Sweetspot

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



12.9873, -1.7001, -0.0175



17.0773, -1.3536, 0.6209



13.1080, -2.7030, 1.8809



9.8589, -0.7810, 0.3588



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

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



12.9873, -1.7001, -0.0175



16.3696, -2.4544, -0.2614



12.3214, -0.6192, -0.8407



7.5642, -0.6859, 0.2137



21.7682, -8.7750, -8.2657



59.1497, -22.9066, -24.4831

Inverse Universe

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



12.2503, 1.4591, -0.5043



15.2023, 2.5769, -1.0416



12.9940, -0.6451, 2.0805



7.3613, 0.1747, 0.0829



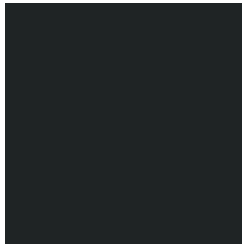
14.8102, 28.1817, -12.2803



40.7880, 77.3692, -31.9256

Previews

White Background



This preview shows how the HunterLab color 12.9870, -1.6999, -0.0177 looks on a white background.

Color Contrast Check

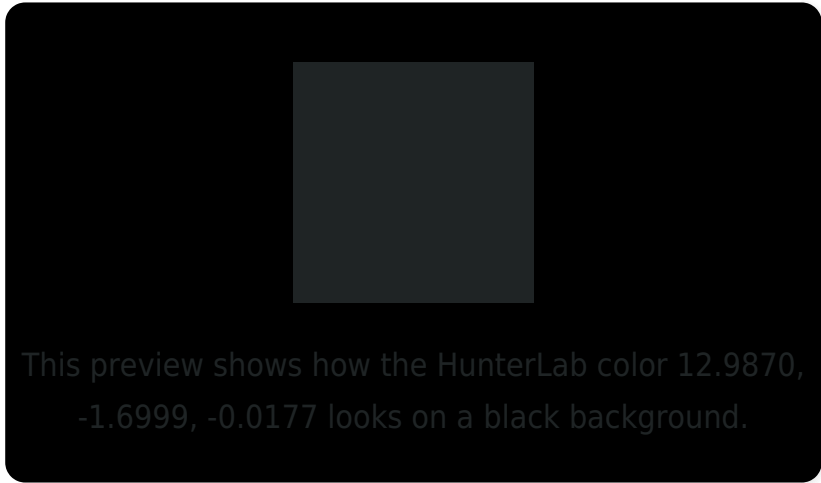
Large Text (above 18pt) WCAG AA ✓ Pass

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

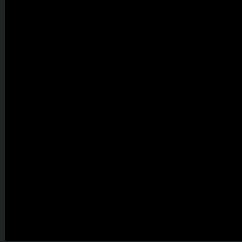
Any Text WCAG AA × Fail

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 12.9870, -1.6999, -0.0177 Background



This preview shows how black text looks on a background with the HunterLab color 12.9870, -1.6999, -0.0177.



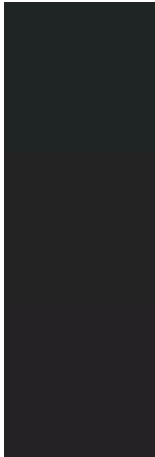
This preview shows how white text looks on a background with the HunterLab color 12.9870, -1.6999, -0.0177.

-0.0177.

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

12.9870, -1.6999, -0.0177

Protanopia

12.9875, -0.5647, 0.3735

Deuteranopia

12.9265, 0.4243, -0.0553



Tritanopia

13.0366, -1.4248, -0.7214

Trichromacy



Original Color

12.9870, -1.6999, -0.0177

Protanomaly

12.9210, -0.7961, 0.2891

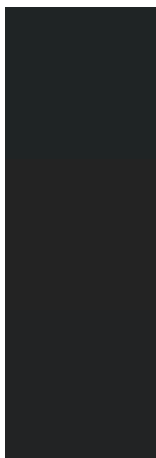
Deuteranomaly

13.0114, -0.4344, 0.0344

Tritanomaly

13.0115, -1.5639, -0.3655

Monochromacy



Original Color

12.9870, -1.6999, -0.0177

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9210, -0.7961, 0.2891

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.9870, -1.6999, -0.0177 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(31, 36, 37)` looks like.

```
.text, #text, p{  
    color:rgb(31, 36, 37)  
}
```

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(31, 36, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(31, 36, 37) }
```

Border

The CSS property to change the border of an element to HunterLab 12.9870, -1.6999, -0.0177 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(31, 36, 37) }
```


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

```
.border{ border-color:rgb(31, 36, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(31, 36, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(31, 36, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(31, 36, 37);  
box-shadow:4px 4px 4px 4px rgb(31, 36, 37)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.9870, -1.6999, -0.0177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(31, 36, 37) }
```

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

```
.background{ background-color: rgb(31, 36,  
37) }
```

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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