

Converting Colors

HunterLab(12.0081, -10.4046,
-2.2242)

Have a look what the booklet for
HunterLab(12.0081, -10.4046,
-2.2242) contains.

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Color

**HunterLab(12.8999, -7.0078,
-0.9960)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | 002827 |
| RGB | 0, 40, 39 |
| RGB Percent | 0%, 16%, 15% |
| CMY | 1.0000, 0.8431, 0.8471 |
| CMYK | 1.00, 0.00, 0.03, 0.84 |
| HSL | 178°, 100%, 8% |
| HSV | 178°, 100%, 16% |
| XYZ | 1.1250, 1.6641, 2.1814 |
| YIQ | 27.9260, -23.5190, -8.7910 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 0, 20, 40 |
| Decimal | 10279 |
| CIELab | 13.62, -13.70, -3.26 |
| CIELCh | 14, 14.085, 193.374 |
| Yxy | 1.6641, 0.2263, 0.3348 |
| Android (android.graphics.Color) | 4278200359 (0xFF002827) |
| YUV | 27.9260, 5.4595, -24.4911 |
| Hunter-Lab | 12.8999, -7.0078, -0.9960 |

Details

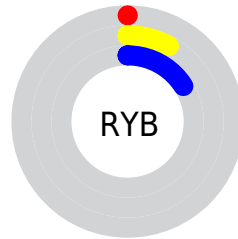
The HunterLab color **12.8999, -7.0078, -0.9960** is a dark color, and the websafe version is hex **003333**. A complement of this color would be **6.7332, 11.5623, 4.0981**, and the grayscale version is **10.7425, -0.5732, 0.5837**.

A 20% lighter version of the original color is **27.8666, -9.9000, -0.8476**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.9001, -7.0079, -0.9959**, and if you desaturate by 10%, it is **13.0024, -6.5989, -0.8960**.

Distribution



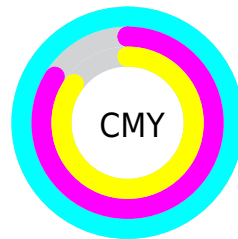
- Red (0%)
- Green (16%)
- Blue (15%)



- Red (0%)
- Yellow (8%)
- Blue (16%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (84%)



- Cyan (100%)
- Magenta (84%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.8999, -7.0078, -0.9960 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 12.8999, -7.0078, -0.9960 by changing the saturation by 10% instead.

■ 12.8999, -7.0078,
-0.9960

■ 12.8999, -7.0078,
-0.9960

■ 104.7116,
-19.3848, 2.4451

■ 6.3267, -9.7761,
-1.7903

■ 27.9731, -10.0450,
-0.6203

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.8428, -11.4442,
-0.3287

0.0000, NaN, NaN

■ 46.4915, -12.8036,
0.0196

0.0000, NaN, NaN

■ 56.8605, -14.1382,
0.4188

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 67.9030, -15.4578,
0.8642


0.0000, NaN, NaN


■ 79.5801, -16.7691,


0.0000, NaN, NaN


1.3523


 91.8590, -18.0769,
1.8800


 12.8999, -7.0078,
-0.9960


 12.8999, -7.0078,
-0.9960


 12.9001, -7.0079,
-0.9959

 13.0024, -6.5989,
-0.8960

 13.1038, -6.1967,
-0.7979

 13.2072, -5.7903,
-0.6977

 13.3303, -5.3121,
-0.5718

 13.4767, -4.7508,
-0.4161

■ 13.6468, -4.1076,
-0.2306

■ 13.8409, -3.3848,
-0.0161

■ 14.0592, -2.5859,
0.2267

■ 14.3013, -1.7150,
0.4964

Harmonies

Analogous

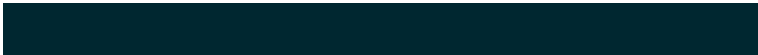
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



12.9001, -6.9229, 2.5225



12.8999, -7.0078, -0.9960



12.9001, -5.5441, -4.9841

Triad

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



12.9001, -7.0078, -0.9958



12.9001, 4.6730, -5.3790



12.9001, 1.4500, 5.8237

Complementary

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



12.8999, -7.0078, -0.9960



6.7332, 11.5623, 4.0981

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.



12.9001, 5.0108, 4.5952



12.8999, -7.0078, -0.9960



12.9001, 7.0128, -1.4294

Square

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



12.9001, -7.0078, -0.9958



12.9001, 1.0299, -7.9631



12.9001, 7.1431, 2.1968



12.9001, -2.3224, 5.8902

Rectangle

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



12.8999, -7.0078, -0.9960



12.9001, -3.7780, -7.1029



12.9001, 7.1431, 2.1968



12.9001, 2.7211, 5.5329

Sweetspot

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



12.9001, -7.0078, -0.9958



17.2424, -4.3958, -0.0704



12.3542, -10.4145, 7.4301



9.4931, -2.3976, -0.0324



56.4399, -3.0115, 3.0665



10.0114, -0.5342, 0.5439

Same Dimension

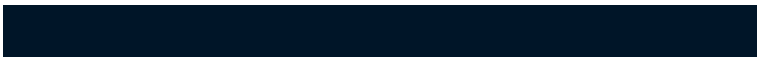
The Same Dimension uses a secret algorithm to generate beautiful new colors.



12.9001, -7.0078, -0.9958



16.1108, -8.7645, -1.2170



8.3781, -0.6556, -9.0561



8.3570, -0.8928, 0.3221



26.4080, -14.4001, -1.9222



71.6839, -39.1895, -4.9996

Inverse Universe

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



6.7332, 11.5623, 4.0981



8.4060, 14.4287, 5.1740



9.5169, 4.0222, 5.9345



8.0147, 0.0378, 0.5743



13.7708, 23.6165, 8.6388



37.3586, 64.0089, 23.8996

Previews

White Background



This preview shows how the HunterLab color 12.8999, -7.0078, -0.9960 looks on a white background.

Color Contrast Check

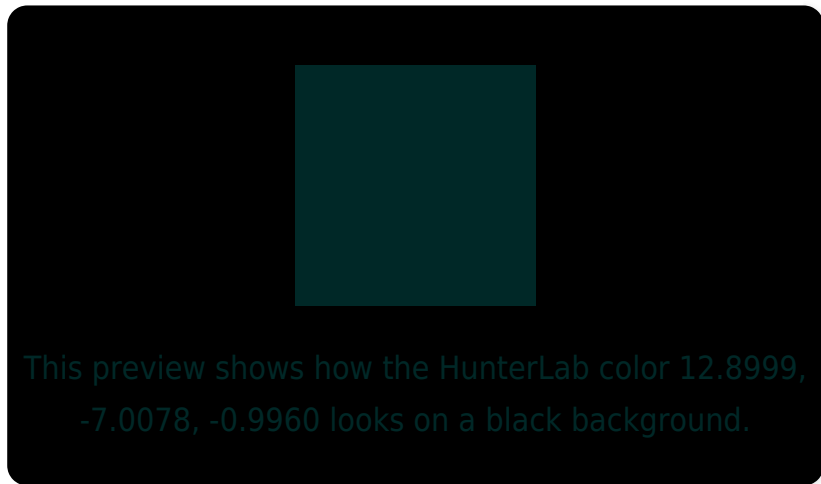
Large Text (above 18pt) WCAG AA ✓ Pass

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

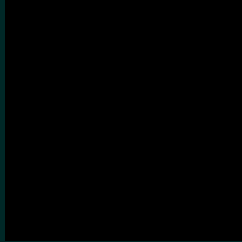
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

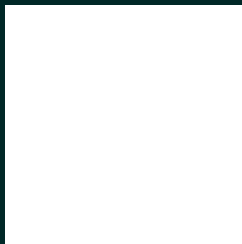
Any Text WCAG AAA × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 12.8999, -7.0078, -0.9960 Background



This preview shows how black text looks on a background with the HunterLab color 12.8999, -7.0078, -0.9960.



This preview shows how white text looks on a background with the HunterLab color 12.8999, -7.0078, -0.9960.

-0.9960.

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

12.8999, -7.0078, -0.9960

Protanopia

13.0557, -0.3290, 0.4593

Deuteranopia

13.2234, 0.4413, -0.8451



Tritanopia

12.9502, -5.2721, -2.5761

Trichromacy



Original Color

12.8999, -7.0078, -0.9960

Protanomaly

12.8018, -3.5958, -0.2807

Deuteranomaly

12.9249, -2.9902, -1.2970

Tritanomaly

12.8471, -5.7256, -2.2932

Monochromacy



Original Color

12.8999, -7.0078, -0.9960

Achromatopsia

10.7760, -0.5750, 0.5855

Achromatomaly

11.2513, -3.4016, -0.3275

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.8999, -7.0078, -0.9960 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(0, 40, 39)` looks like.

```
.text, #text, p{  
    color:rgb(0, 40, 39)  
}
```

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(0, 40, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 40, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 12.8999, -7.0078, -0.9960 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(0, 40, 39) }
```


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

```
.border{ border-color:rgb(0, 40, 39) }
```

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

Here you see how a box with a 4 pixel rgb(0, 40, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 40, 39); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 40, 39); box-shadow:4px  
4px 4px 4px rgb(0, 40, 39) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.8999, -7.0078, -0.9960 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 40, 39) }
```

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

```
.background{ background-color: rgb(0, 40,  
39) }
```

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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