

Converting Colors

HunterLab(12.7228, 3.1439,
-1.0502)

Have a look what the booklet for
HunterLab(12.7228, 3.1439, -1.0502)
contains.

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Color

**HunterLab(12.7228, 3.1439,
-1.0502)**

Conversions

Conversions Part 1

Format	Color
Hex	2A1F27
RGB	42, 31, 39
RGB Percent	16%, 12%, 15%
CMY	0.8353, 0.8784, 0.8471
CMYK	0.00, 0.26, 0.07, 0.84
HSL	316°, 15%, 14%
HSV	316°, 26%, 16%
XYZ	1.8110, 1.6187, 2.1365
YIQ	35.2010, 3.9880, 4.8200

Conversions

Conversions Part 2

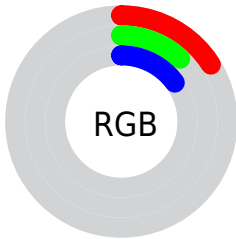
Format	Color
RYB	42, 31, 39
Decimal	2760487
CIELab	13.34, 7.07, -3.35
CIElCh	13, 7.820, 334.626
Yxy	1.6188, 0.3254, 0.2908
Android (android.graphics.Color)	4280950567 (0xFF2A1F27)
YUV	35.2010, 1.8729, 5.9627
Hunter-Lab	12.7228, 3.1439, -1.0502

Details

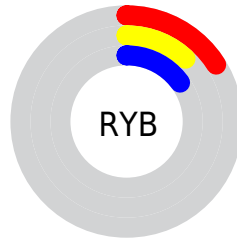
The HunterLab color **12.7228, 3.1439, -1.0502** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **14.3624, -4.2318, 2.5282**, and the grayscale version is **13.0217, -0.6948, 0.7075**.

A 20% lighter version of the original color is **27.7461, 3.2119, -0.7698**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.8576, 4.6862, -1.7190**, and if you desaturate by 10%, it is **13.6396, 1.6151, -0.3501**.

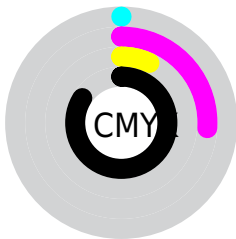
Distribution



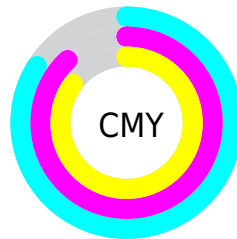
- Red (16%)
- Green (12%)
- Blue (15%)



- Red (16%)
- Yellow (12%)
- Blue (15%)



- Cyan (0%)
- Magenta (26%)
- Yellow (7%)
- Black (84%)



- Cyan (84%)
- Magenta (88%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.7228, 3.1439, -1.0502 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 12.7228, 3.1439, -1.0502 by changing the saturation by 10% instead.

■ 12.7228, 3.1439,
-1.0502

■ 12.7228, 3.1439,
-1.0502

104.3552, 1.8218,
2.3352

■ 6.0844, 4.7349,
-1.9517

■ 27.7437, 3.3664,
-0.6906

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.5913, 3.3331,
-0.4060

0.0000, NaN, NaN

■ 46.2196, 3.2245,
-0.0639

0.0000, NaN, NaN

■ 56.5698, 3.0503,
0.3293

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5945, 2.8180,
0.7692

0.0000, NaN, NaN

■ 79.2548, 2.5330,

0.0000, NaN, NaN

1.2521

91.5178, 2.1997,
1.7749

12.7228, 3.1439,
-1.0502

12.7228, 3.1439,
-1.0502

11.8576, 4.6862,
-1.7190

13.6396, 1.6151,
-0.3501

11.0502, 6.2296,
-2.3450

14.6011, 0.1083,
0.3718

10.3087, 7.7516,
-2.9119

15.6024, -1.3738,
1.1095

9.6420, 9.2188,
-3.3989

16.6393, -2.8306,
1.8586

9.0592, 10.5841,
-3.7809

17.7080, -4.2629,
2.6162

■ 8.5038, 11.9917,
-4.1408

■ 18.8054, -5.6725,
3.3803

■ 7.9110, 13.6680,
-4.5920

■ 19.9288, -7.0616,
4.1494

■ 7.6733, 14.3989,
-4.7949

■ 21.0761, -8.4324,
4.9227

■ 22.2452, -9.7873,
5.6996

Harmonies

Analogous

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



12.7231, 1.6761, -2.8568



12.7228, 3.1439, -1.0502



12.7231, 3.5618, 0.9959

Triad

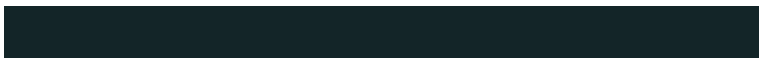
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



12.7231, 3.1435, -1.0499



12.7231, -1.0008, 3.9338



12.7231, -3.8092, -1.6670

Complementary

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



12.7228, 3.1439, -1.0502



14.3624, -4.2318, 2.5282

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.



12.7231, -4.4291, 0.3816



12.7228, 3.1439, -1.0502



12.7231, -2.8754, 3.4447

Square

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



12.7231, 3.1435, -1.0499



12.7231, 1.0819, 3.6754



12.7231, -4.0985, 2.2189



12.7231, -2.3501, -3.2513

Rectangle

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



12.7228, 3.1439, -1.0502



12.7231, 3.1682, 2.1795



12.7231, -4.0985, 2.2189



12.7231, -4.1182, -0.9988

Sweetspot

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



12.7231, 3.1435, -1.0499



18.0061, 0.5609, 0.2585



12.1909, 1.5877, -3.1138



10.1677, 0.3641, 0.1239



57.4755, -3.0668, 3.1228



10.7914, -0.5758, 0.5863

Same Dimension

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



12.7231, 3.1435, -1.0499



15.2112, 5.2065, -1.8713



12.5909, 2.4554, 0.8280



8.0454, 0.2036, 0.1375



14.9359, 27.8483, -7.9460



40.3431, 74.8654, -18.7109

Inverse Universe

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



12.7231, 3.1435, -1.0499



15.2112, 5.2065, -1.8713



14.4798, -3.5628, 0.8453



8.0454, 0.2036, 0.1375



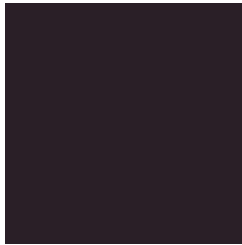
14.9359, 27.8483, -7.9460



40.3431, 74.8654, -18.7109

Previews

White Background



This preview shows how the HunterLab color 12.7228, 3.1439, -1.0502 looks on a white background.

Color Contrast Check

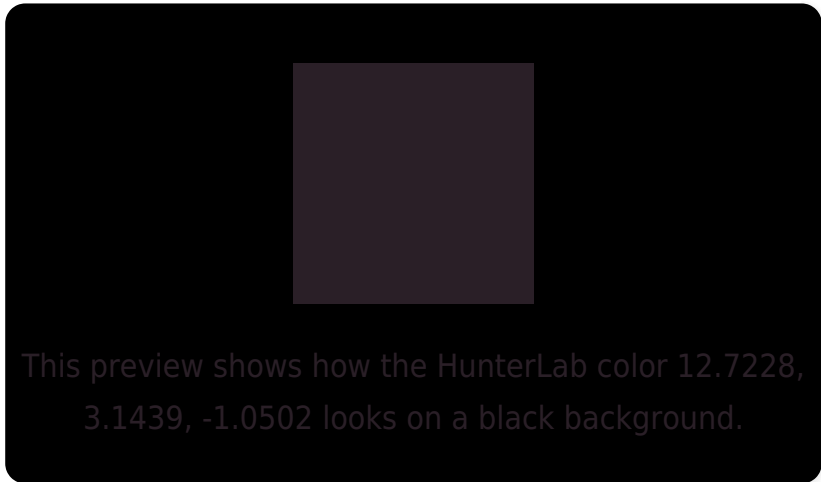
Large Text (above 18pt) WCAG AA ✓ Pass

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

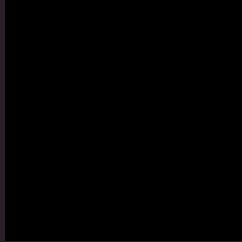
Any Text WCAG AA × Fail

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 12.7228, 3.1439, -1.0502 Background



This preview shows how black text looks on a background with the HunterLab color 12.7228, 3.1439, -1.0502.



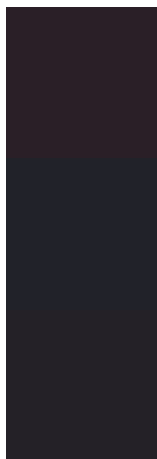
This preview shows how white text looks on a background with the HunterLab color 12.7228, 3.1439, -1.0502.

-1.0502.

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

12.7228, 3.1439, -1.0502

Protanopia

12.7573, 0.0545, -1.8878

Deuteranopia

12.6857, 0.8430, -1.1395



Tritanopia

12.7277, 1.8446, 0.8252

Trichromacy



Original Color

12.7228, 3.1439, -1.0502

Protanomaly

12.7121, 0.9846, -1.5126

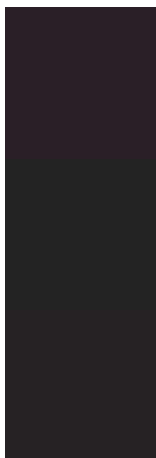
Deuteranomaly

12.6158, 1.7216, -1.2169

Tritanomaly

12.7743, 2.0902, 0.1613

Monochromacy



Original Color

12.7228, 3.1439, -1.0502

Achromatopsia

12.9643, -0.6917, 0.7044

Achromatomaly

12.9750, 0.5407, 0.3777

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.7228, 3.1439, -1.0502 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(42, 31, 39)` looks like.

```
.text, #text, p{  
    color:rgb(42, 31, 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(42, 31, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(42, 31, 39) }
```

Border

The CSS property to change the border of an element to HunterLab 12.7228, 3.1439, -1.0502 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(42, 31, 39) }
```


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

```
.border{ border-color:rgb(42, 31, 39) }
```

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

Here you see how a box with a 4 pixel rgb(42, 31, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(42, 31, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(42, 31, 39);  
box-shadow:4px 4px 4px 4px rgb(42, 31, 39)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.7228, 3.1439, -1.0502 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(42, 31, 39) }
```

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

```
.background{ background-color: rgb(42, 31,  
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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