

Converting Colors

HunterLab(12.3918, -0.7677,
-2.3278)

Have a look what the booklet for
HunterLab(12.3918, -0.7677,
-2.3278) contains.

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Color

**HunterLab(12.5114, -0.7948,
-2.2457)**

Conversions

Conversions Part 1

Format	Color
Hex	1D2229
RGB	29, 34, 41
RGB Percent	11%, 13%, 16%
CMY	0.8863, 0.8667, 0.8392
CMYK	0.29, 0.17, 0.00, 0.84
HSL	215°, 17%, 14%
HSV	215°, 29%, 16%
XYZ	1.4789, 1.5654, 2.3220
YIQ	33.3030, -5.2270, 1.1170

Conversions

Conversions Part 2

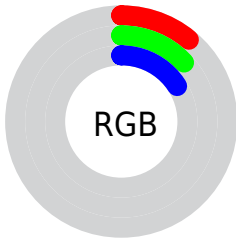
Format	Color
RYB	29, 33, 41
Decimal	1909289
CIELab	13.02, -0.25, -5.43
CIELCh	13, 5.437, 267.371
Yxy	1.5654, 0.2756, 0.2917
Android (android.graphics.Color)	4280099369 (0xFF1D2229)
YUV	33.3030, 3.7946, -3.7737
Hunter-Lab	12.5114, -0.7948, -2.2457

Details

The HunterLab color **12.5114, -0.7948, -2.2457** is a dark color, and the websafe version is hex **333333**. A complement of this color would be **13.4976, -0.2518, 3.2067**, and the grayscale version is **12.4175, -0.6626, 0.6747**.

A 20% lighter version of the original color is **27.4538, -1.5448, -2.1237**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.7372, -0.6974, -3.3770**, and if you desaturate by 10%, it is **13.3068, -0.8387, -1.1622**.

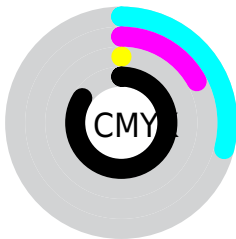
Distribution



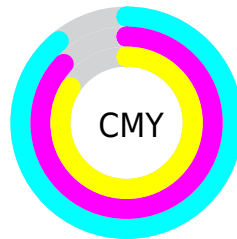
- Red (11%)
- Green (13%)
- Blue (16%)



- Red (11%)
- Yellow (13%)
- Blue (16%)



- Cyan (29%)
- Magenta (17%)
- Yellow (0%)
- Black (84%)



- Cyan (89%)
- Magenta (87%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.5114, -0.7948, -2.2457 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 12.5114, -0.7948, -2.2457 by changing the saturation by 10% instead.

■ 12.5114, -0.7948,
-2.2457

■ 12.5114, -0.7948,
-2.2457

103.9279, -5.8079,
0.1873

■ 5.7803, -0.4967,
-3.5804

■ 27.4692, -1.6320,
-2.1482

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 36.2903, -2.1192,
-1.9800

0.0000, NaN, NaN

■ 45.8941, -2.6469,
-1.7468

0.0000, NaN, NaN

■ 56.2215, -3.2122,
-1.4560

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.2249, -3.8128,
-1.1132

0.0000, NaN, NaN

■ 78.8650, -4.4467,

0.0000, NaN, NaN

-0.7227

■ 91.1088, -5.1122,
-0.2883

■ 12.5114, -0.7948,
-2.2457

■ 12.5114, -0.7948,
-2.2457

■ 11.7372, -0.6974,
-3.3770

■ 13.3068, -0.8387,
-1.1622

■ 10.9854, -0.5383,
-4.5625

■ 14.1209, -0.8352,
-0.1216

■ 10.2589, -0.3091,
-5.8081

■ 14.9524, -0.7899,
0.8813

■ 9.5603, -0.0003,
-7.1190

■ 15.7999, -0.7079,
1.8512

■ 8.8906, 0.3906,
-8.5049

■ 16.6623, -0.5932,
2.7920

■ 8.2256, 0.7821,
-10.0389

■ 17.5385, -0.4493,
3.7074

■ 7.5568, 1.1492,
-11.7828

■ 18.4277, -0.2795,
4.6005

■ 7.5076, 1.1751,
-11.9205

■ 19.3290, -0.0862,
5.4740

■ 20.2419, 0.1282,
6.3305

Harmonies

Analogous

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



12.5117, -2.1262, -1.7459



12.5114, -0.7948, -2.2457



12.5117, 0.6301, -1.8905

Triad

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



12.5117, -0.7950, -2.2455



12.5117, 1.8862, 1.8323



12.5117, -2.9153, 2.0194

Complementary

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



12.5114, -0.7948, -2.2457



13.4976, -0.2518, 3.2067

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.



12.5117, -1.9157, 2.8012



12.5114, -0.7948, -2.2457



12.5117, 0.8596, 2.7020

Square

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



12.5117, -0.7950, -2.2455



12.5117, 2.2189, 0.5597



12.5117, -0.5410, 3.0364



12.5117, -3.3153, 0.8012

Rectangle

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



12.5114, -0.7948, -2.2457



12.5117, 1.4343, -1.2369



12.5117, -0.5410, 3.0364



12.5117, -2.6406, 2.3364

Sweetspot

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



12.5117, -0.7950, -2.2455



18.0369, -1.0696, -0.1954



14.0473, -4.0602, 1.6074



10.1991, -0.6062, -0.1307



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.



12.5117, -0.7950, -2.2455



15.2190, -0.9239, -4.0198



11.4537, 1.2948, -3.7791



8.1051, -0.4736, 0.0070



13.5957, 5.2113, -28.2432



34.2749, 19.9366, -85.8779

Inverse Universe

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



12.1065, 3.0321, 0.1012



14.6091, 5.2454, -0.0331



14.5936, -2.3286, 4.2291



8.0316, 0.1292, 0.3335



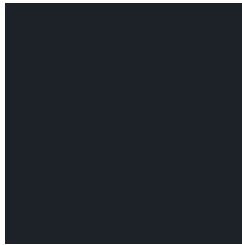
14.1898, 25.1583, 2.5184



38.2792, 67.4034, 10.4009

Previews

White Background



This preview shows how the HunterLab color 12.5114, -0.7948, -2.2457 looks on a white background.

Color Contrast Check

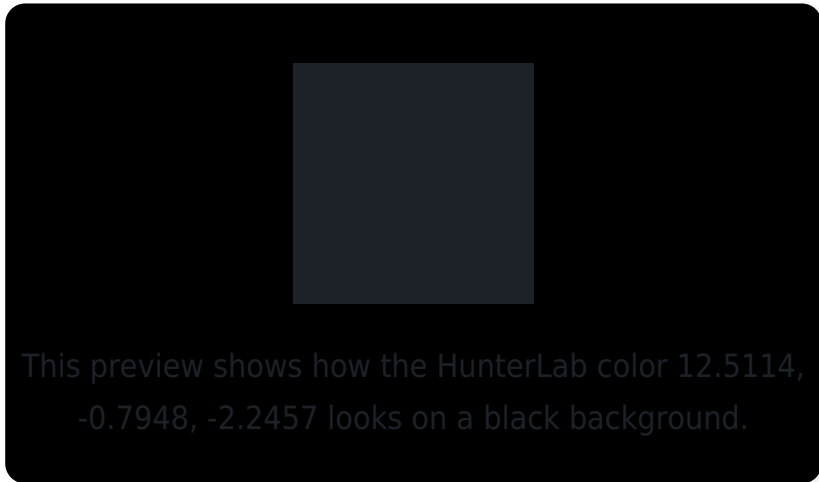
Large Text (above 18pt) WCAG AA ✓ Pass

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

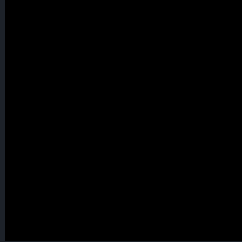
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

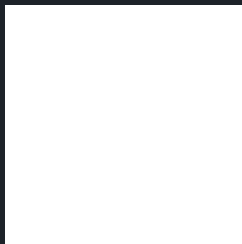
Any Text WCAG AAA × Fail

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

HunterLab 12.5114, -0.7948, -2.2457 Background



This preview shows how black text looks on a background with the HunterLab color 12.5114, -0.7948, -2.2457.



This preview shows how white text looks on a background with the HunterLab color 12.5114, -0.7948, -2.2457.

-2.2457.

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

12.5114, -0.7948, -2.2457

Protanopia

12.4418, 0.0701, -1.8986

Deuteranopia

12.5345, 0.4409, -2.1916



Tritanopia

12.5798, -1.9529, -0.5318

Trichromacy



Original Color

12.5114, -0.7948, -2.2457

Protanomaly

12.3783, -0.1477, -1.9907

Deuteranomaly

12.4695, 0.2199, -2.2872

Tritanomaly

12.6051, -1.8119, -0.8897

Monochromacy



Original Color

12.5114, -0.7948, -2.2457

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.3376, -0.4971, -0.4272

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.5114, -0.7948, -2.2457 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(29, 34, 41)` looks like.

```
.text, #text, p{  
    color:rgb(29, 34, 41)  
}
```

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(29, 34, 41) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(29, 34, 41) }
```

Border

The CSS property to change the border of an element to HunterLab 12.5114, -0.7948, -2.2457 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(29, 34, 41) }
```


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

```
.border{ border-color:rgb(29, 34, 41) }
```

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

Here you see how a box with a 4 pixel `rgb(29, 34, 41)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(29, 34, 41); -webkit-box-  
shadow:4px 4px 4px 4px rgb(29, 34, 41);  
box-shadow:4px 4px 4px 4px rgb(29, 34, 41)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.5114, -0.7948, -2.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(29, 34, 41) }
```

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

```
.background{ background-color: rgb(29, 34,  
41) }
```

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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