

Converting Colors

HunterLab(12.4875, 7.9931,
7.4257)

Have a look what the booklet for
HunterLab(12.4875, 7.9931, 7.4257)
contains.

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Color

**HunterLab(12.4875, 7.9931,
7.4257)**

Conversions

Conversions Part 1

Format	Color
Hex	3A1803
RGB	58, 24, 3
RGB Percent	23%, 9%, 1%
CMY	0.7726, 0.9059, 0.9882
CMYK	0.00, 0.59, 0.95, 0.77
HSL	23°, 90%, 12%
HSV	23°, 95%, 23%
XYZ	2.0880, 1.5594, 0.2771
YIQ	31.7720, 27.0050, 0.6770

Conversions

Conversions Part 2

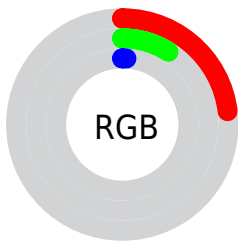
Format	Color
R_{YB}	58, 37, 3
Decimal	3807235
CIE Lab	12.98, 15.12, 18.42
CIE LCh	13, 23.826, 50.624
Yxy	1.5595, 0.5320, 0.3974
Android (android.graphics.Color)	4281997315 (0xFF3A1803)
YUV	31.7720, -14.1846, 23.0020
Hunter-Lab	12.4875, 7.9931, 7.4257

Details

The HunterLab color **12.4875, 7.9931, 7.4257** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **12.8368, -2.1242, -10.6159**, and the grayscale version is **11.9842, -0.6394, 0.6511**.

A 20% lighter version of the original color is **27.4666, 9.1609, 10.8128**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **12.1615, 8.5809, 7.6441**, and if you desaturate by 10%, it is **13.1525, 6.8222, 7.0848**.

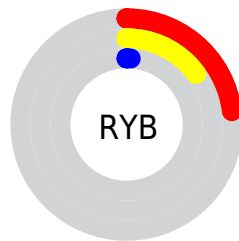
Distribution



Red (23%)

Green (9%)

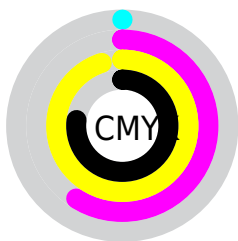
Blue (1%)



Red (23%)

Yellow (15%)

Blue (1%)

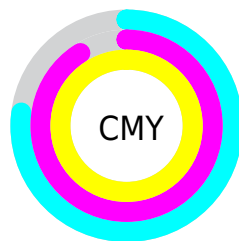


Cyan (0%)

Magenta (59%)

Yellow (95%)

Black (77%)



Cyan (77%)

Magenta (91%)

Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 12.4875, 7.9931, 7.4257 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 12.4875, 7.9931, 7.4257 by changing the saturation by 10% instead.

12.4875, 7.9931,
7.4257

12.4875, 7.9931,
7.4257

103.8797, 10.4989,
22.1439

5.7449, 11.1583,
4.0214

27.4383, 9.2660,
10.7391

0.0000, NaN, NaN

0.0000, NaN, NaN

36.2563, 9.7007,
12.5267

0.0000, NaN, NaN

45.8574, 10.0297,
14.2296

0.0000, NaN, NaN

0.0000, NaN, NaN

56.1822, 10.2679,
15.8739

0.0000, NaN, NaN


67.1831, 10.4262,
17.4771


0.0000, NaN, NaN

78.8210, 10.5131,


0.0000, NaN, NaN


19.0511

 91.0627, 10.5355,
20.6046


 12.4875, 7.9931,
7.4257


 12.4875, 7.9931,
7.4257


 12.1615, 8.5809,
7.6441

 13.1525, 6.8222,
7.0848

 13.8633, 5.6472,
6.7718

 14.6264, 4.5314,
6.3330

 15.4378, 3.4825,
5.7752

 16.2931, 2.5026,
5.1109

■ 17.1883, 1.5908,
4.3521

■ 18.1198, 0.7447,
3.5098

■ 19.0844, -0.0396,
2.5937

■ 20.0793, -0.7661,
1.6124

Harmonies

Analogous

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



12.4878, 12.8252, 4.0978



12.4875, 7.9931, 7.4257



12.4878, 1.3700, 8.7415

Triad

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



12.4878, 7.9922, 7.4258



12.4878, -10.5323, 2.4163



12.4878, 3.8965, -15.6469

Complementary

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



12.4875, 7.9931, 7.4257



12.8368, -2.1242, -10.6159

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.



12.4878, -2.5813, -16.8912



12.4875, 7.9931, 7.4257



12.4878, -10.1105, -4.1028

Square

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



12.4878, 7.9922, 7.4258



12.4878, -8.7244, 6.3297



12.4878, -7.4649, -11.9244



12.4878, 10.1538, -9.0729

Rectangle

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



12.4875, 7.9931, 7.4257



12.4878, -2.8244, 8.7415



12.4878, -7.4649, -11.9244



12.4878, 1.6476, -16.7970

Sweetspot

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



12.4878, 7.9922, 7.4258



23.2755, 1.4766, 5.1354



10.5049, 17.7185, -3.4869



11.9472, 0.8512, 2.7435



61.6487, -3.2894, 3.3495



14.0024, -0.7471, 0.7608

Same Dimension

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



12.4878, 7.9922, 7.4258



15.6404, 12.1739, 9.8507



18.0131, -2.4818, 10.7726



10.3523, -0.2737, 1.0272



18.6288, 15.2742, 11.7464



46.2680, 44.2374, 29.2846

Inverse Universe

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



12.8368, -2.1242, -10.6159



16.0776, -2.0450, -15.6811



7.4106, 9.0333, -27.3018



10.3768, -0.8093, 0.0849



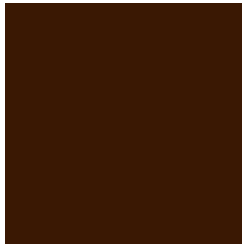
19.1581, -2.0943, -19.4250



47.5546, -2.2641, -54.5515

Previews

White Background



This preview shows how the HunterLab color 12.4875, 7.9931, 7.4257 looks on a white background.

Color Contrast Check

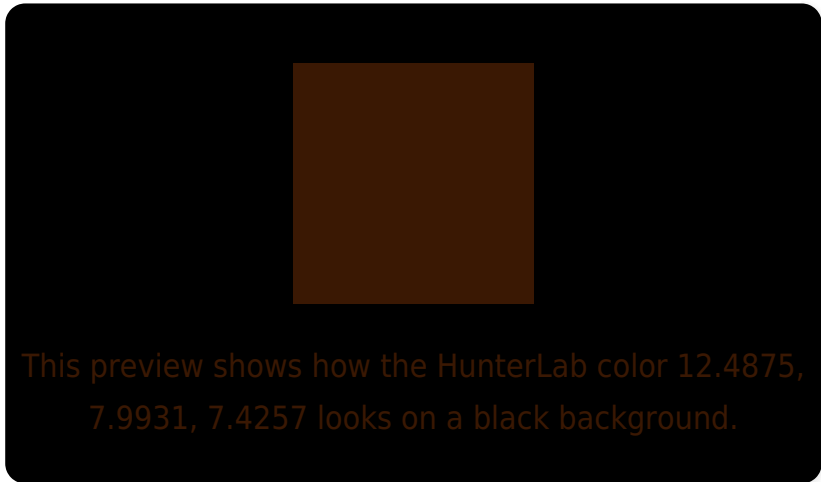
Large Text (above 18pt) WCAG AA ✓ Pass

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

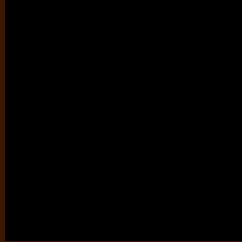
Any Text WCAG AA × Fail

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 12.4875, 7.9931, 7.4257 Background



This preview shows how black text looks on a background with the HunterLab color 12.4875, 7.9931, 7.4257.

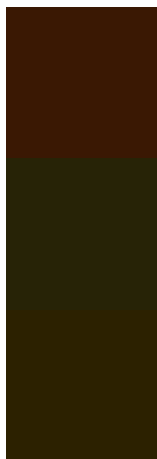


This preview shows how white text looks on a background with the HunterLab color 12.4875, 7.9931,

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

12.4875, 7.9931, 7.4257

Protanopia

12.8318, -1.9984, 7.0758

Deuteranopia

12.7404, -0.1232, 7.8484



Tritanopia

12.5283, 10.2102, 3.8090

Trichromacy



Original Color

12.4875, 7.9931, 7.4257

Protanomaly

12.5370, 1.4685, 7.0720

Deuteranomaly

12.5845, 2.6059, 7.6649

Tritanomaly

12.5698, 9.2947, 5.5959

Monochromacy



Original Color

12.4875, 7.9931, 7.4257

Achromatopsia

12.0183, -0.6413, 0.6530

Achromatomaly

11.8503, 1.6934, 3.7821

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.4875, 7.9931, 7.4257 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(58, 24, 3)` looks like.

```
.text, #text, p{  
    color:rgb(58, 24, 3)  
}
```

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(58, 24, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(58, 24, 3) }
```

Border

The CSS property to change the border of an element to HunterLab 12.4875, 7.9931, 7.4257 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(58, 24, 3) }
```


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

```
.border{ border-color:rgb(58, 24, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(58, 24, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(58, 24, 3); -webkit-box-shadow:4px  
4px 4px 4px rgb(58, 24, 3); box-shadow:4px  
4px 4px 4px rgb(58, 24, 3) }
```

Background

The CSS property to change the background color of an element to HunterLab 12.4875, 7.9931, 7.4257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(58, 24, 3) }
```

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

```
.background{ background-color: rgb(58, 24,  
3) }
```

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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