

Converting Colors

HunterLab(12.4587, 7.7961,
5.1941)

Have a look what the booklet for
HunterLab(12.4587, 7.7961, 5.1941)
contains.

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Color

**HunterLab(12.3875, 7.9872,
5.2347)**

Conversions

Conversions Part 1

Format	Color
Hex	381811
RGB	56, 24, 17
RGB Percent	22%, 9%, 7%
CMY	0.7804, 0.9059, 0.9333
CMYK	0.00, 0.57, 0.70, 0.78
HSL	11°, 53%, 14%
HSV	11°, 70%, 22%
XYZ	2.0587, 1.5345, 0.7180
YIQ	32.7700, 21.3190, 4.6070

Conversions

Conversions Part 2

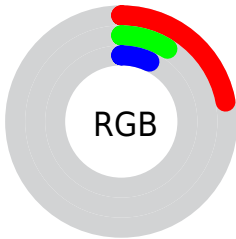
Format	Color
R_{YB}	56, 26, 17
Decimal	3676177
CIE _{Lab}	12.83, 15.13, 11.84
CIE _{LCh}	13, 19.211, 38.062
Yxy	1.5346, 0.4775, 0.3559
Android (android.graphics.Color)	4281866257 (0xFF381811)
YUV	32.7700, -7.7746, 20.3727
Hunter-Lab	12.3875, 7.9872, 5.2347

Details

The HunterLab color **12.3875, 7.9872, 5.2347** is a dark color, and the websafe version is hex **330000**. A complement of this color would be **16.1281, -5.6107, -3.9141**, and the grayscale version is **12.2792, -0.6552, 0.6672**.

A 20% lighter version of the original color is **27.3007, 8.9909, 7.9940**, and 0.0000, NaN, NaN is the 20% darker color. If you saturate the color by 10%, you get **11.5996, 9.4537, 5.6320**, and if you desaturate by 10%, it is **13.2669, 6.5322, 4.7599**.

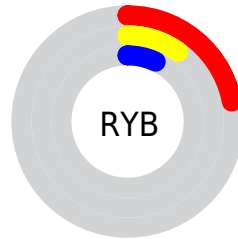
Distribution



Red (22%)

Green (9%)

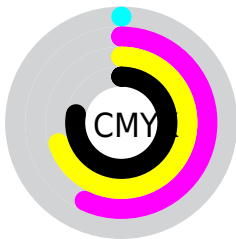
Blue (7%)



Red (22%)

Yellow (10%)

Blue (7%)

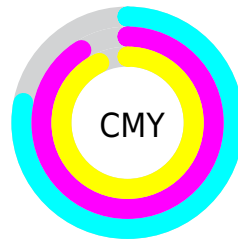


Cyan (0%)

Magenta (57%)

Yellow (70%)

Black (78%)



Cyan (78%)


Magenta (91%)


Yellow (93%)


Brightness & Saturation Gradients


These gradients show how the HunterLab color 12.3875, 7.9872, 5.2347 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 12.3875, 7.9872, 5.2347 by changing the saturation by 10% instead.

 12.3875, 7.9872,
5.2347

 12.3875, 7.9872,
5.2347


 103.6768, 10.5113,
16.5933

 5.5936, 11.4846,
3.9155


 27.3082, 9.2662,
7.9296

0.0000, NaN, NaN

0.0000, NaN, NaN


 36.1135, 9.7032,
9.2166

0.0000, NaN, NaN

 45.7029, 10.0344,
10.4697

0.0000, NaN, NaN

0.0000, NaN, NaN

 56.0169, 10.2744,
11.7036

0.0000, NaN, NaN


 67.0077, 10.4343,
12.9275


0.0000, NaN, NaN

 78.6360, 10.5227,


0.0000, NaN, NaN


14.1477


 90.8685, 10.5465,
15.3686

 12.3875, 7.9872,
5.2347


 12.3875, 7.9872,
5.2347

 11.5996, 9.4537,
5.6320


 13.2669, 6.5322,
4.7599

 10.9080, 10.8712,
6.0064


 14.2265, 5.1171,
4.2247

 10.3103, 12.1315,
6.5324

 15.2567, 3.7556,
3.6442

 10.2908, 12.1726,
6.5542

 16.3492, 2.4537,
3.0296

 17.4965, 1.2123,
2.3895

■ 18.6923, 0.0289,
1.7302

■ 19.9313, -1.1006,
1.0561

■ 21.2089, -2.1811,
0.3704

■ 22.5214, -3.2176,
-0.3247

Harmonies

Analogous

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



12.3878, 10.5439, 1.9056



12.3875, 7.9872, 5.2347



12.3878, 3.1950, 7.2346

Triad

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



12.3878, 7.9864, 5.2349



12.3878, -8.4696, 3.6628



12.3878, 0.7354, -12.4703

Complementary

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



12.3875, 7.9872, 5.2347



16.1281, -5.6107, -3.9141

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.



12.3878, -4.0975, -11.3809



12.3875, 7.9872, 5.2347



12.3878, -8.9118, -0.6980

Square

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



12.3878, 7.9864, 5.2349



12.3878, -6.1172, 6.3331



12.3878, -7.4408, -6.5138



12.3878, 5.9397, -9.0750

Rectangle

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



12.3875, 7.9872, 5.2347



12.3878, -0.3302, 7.6964



12.3878, -7.4408, -6.5138



12.3878, -0.9897, -12.6358

Sweetspot

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



12.3878, 7.9864, 5.2349



22.6350, 1.9839, 3.3494



12.1147, 14.1072, -6.7811



12.0547, 1.1315, 1.8298



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.



12.3878, 7.9864, 5.2349



14.4643, 14.0742, 7.7555



16.1524, 0.4212, 8.0137



10.2300, -0.0660, 0.8916



16.2789, 21.7999, 10.4126



40.7213, 60.4236, 26.1501

Inverse Universe

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



16.1281, -5.6107, -3.9141



20.2567, -7.6922, -6.5891



11.5467, 1.5791, -12.0686



10.5026, -1.0140, 0.2342



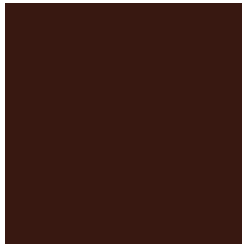
24.1758, -9.3719, -9.9863



61.4359, -22.8695, -27.4208

Previews

White Background



This preview shows how the HunterLab color 12.3875, 7.9872, 5.2347 looks on a white background.

Color Contrast Check

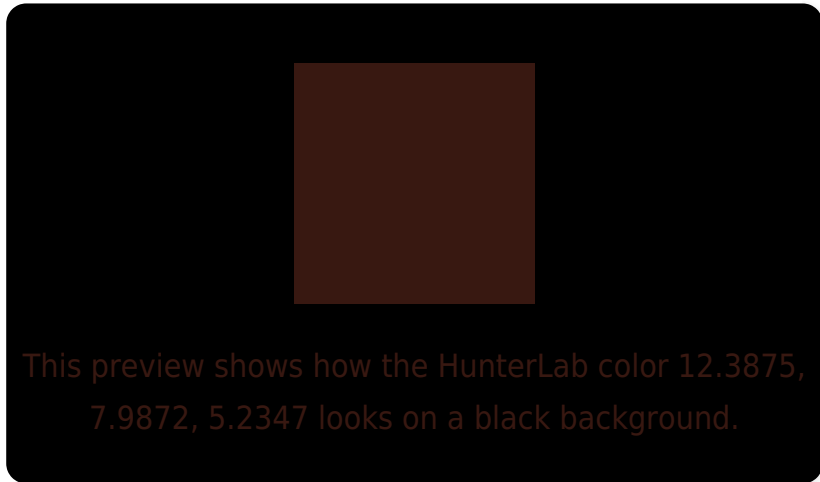
Large Text (above 18pt) WCAG AA ✓ Pass

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

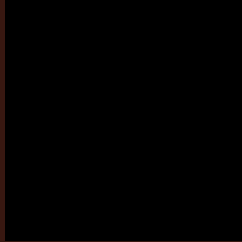
Any Text WCAG AA × Fail

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 12.3875, 7.9872, 5.2347 Background



This preview shows how black text looks on a background with the HunterLab color 12.3875, 7.9872, 5.2347.

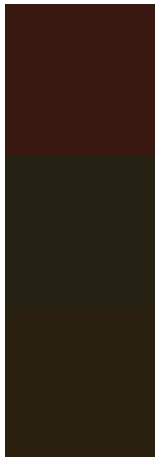


This preview shows how white text looks on a background with the HunterLab color 12.3875, 7.9872,

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

12.3875, 7.9872, 5.2347

Protanopia

12.6011, -1.3528, 4.6271

Deuteranopia

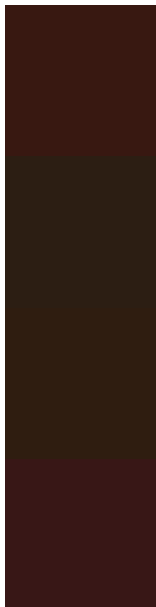
12.4890, 0.4061, 5.5573



Tritanopia

12.3440, 8.9495, 3.3455

Trichromacy



Original Color

12.3875, 7.9872, 5.2347

Protanomaly

12.2924, 2.0201, 4.6383

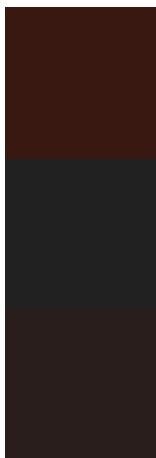
Deuteranomaly

12.3308, 3.1053, 5.2954

Tritanomaly

12.2942, 8.7153, 4.0676

Monochromacy



Original Color

12.3875, 7.9872, 5.2347

Achromatopsia

12.3323, -0.6580, 0.6700

Achromatomaly

12.1618, 1.8561, 2.4715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 12.3875, 7.9872, 5.2347 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(56, 24, 17)` looks like.

```
.text, #text, p{  
    color:rgb(56, 24, 17)  
}
```

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(56, 24, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(56, 24, 17) }
```

Border

The CSS property to change the border of an element to HunterLab 12.3875, 7.9872, 5.2347 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(56, 24, 17) }
```


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

```
.border{ border-color:rgb(56, 24, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(56, 24, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(56, 24, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(56, 24, 17);  
box-shadow:4px 4px 4px 4px rgb(56, 24, 17)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 12.3875, 7.9872, 5.2347 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(56, 24, 17) }
```

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

```
.background{ background-color: rgb(56, 24,  
17) }
```

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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