

Converting Colors

HunterLab(21.7865, 37.3630,
14.0893)

Have a look what the booklet for
HunterLab(21.7865, 37.3630,
14.0893) contains.

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Color

**HunterLab(21.7849, 37.3073,
14.0769)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | 820000 |
| RGB | 130, 0, 0 |
| RGB Percent | 51%, 0%, 0% |
| CMY | 0.4902, 0.9999, 1.0000 |
| CMYK | 0.00, 1.00, 1.00, 0.49 |
| HSL | 0°, 100%, 25% |
| HSV | 0°, 100%, 51% |
| XYZ | 9.2059, 4.7458, 0.4308 |
| YIQ | 38.8700, 77.4800, 27.5600 |

Conversions

Conversions Part 2

| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 130, 0, 0 |
| Decimal | 8519680 |
| CIE Lab | 26.00, 48.59, 38.66 |
| CIE LCh | 26, 62.097, 38.507 |
| Yxy | 4.7461, 0.6401, 0.3300 |
| Android (android.graphics.Color) | 4286709760 (0xFF820000) |
| YUV | 38.8700, -19.1629, 79.9210 |
| Hunter-Lab | 21.7849, 37.3073, 14.0769 |

Details

The HunterLab color **21.7849, 37.3073, 14.0769** is a dark color, and the websafe version is hex **990000**, and the color name is **deep maroon**. A complement of this color would be **41.9196, -22.2205, -4.4283**, and the grayscale version is **14.2468, -0.7602, 0.7741**.

A 20% lighter version of the original color is **39.1100, 41.1226, 20.7423**, and **11.5741, 19.8210, 7.4789** is the 20% darker color. If you saturate the color by 10%, you get **21.7856, 37.3044, 14.0773**, and if you desaturate by 10%, it is **22.5012, 35.3713, 13.4811**.

Distribution



Red (51%)

Green (0%)

Blue (0%)



Red (51%)

Yellow (0%)

Blue (0%)



Cyan (0%)

Magenta (100%)

Yellow (100%)

Black (49%)



Cyan (49%)

Magenta (100%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 21.7849, 37.3073, 14.0769 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 21.7849, 37.3073, 14.0769 by changing the saturation by 10% instead.

■ 21.7849, 37.3073,
14.0769

■ 21.7849, 37.3073,
14.0769

■ 121.3859, 50.9176,
40.1443

■ 14.4882, 35.4339,
10.1418

■ 39.0741, 41.0500,
20.7915

■ 8.1493, 34.8672,
5.7045

■ 48.8992, 42.7789,
23.9245

0.0000, INF, NaN

0.0000, NaN, NaN

■ 59.4326, 44.3940,
26.8890

0.0000, NaN, NaN

■ 70.6296, 45.8977,
29.7195

0.0000, NaN, NaN

■ 82.4529, 47.2956,
32.4424

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 94.8710, 48.5940,


35.0777


0.0000, NaN, NaN


 107.8566, 49.7993,
37.6409


 21.7849, 37.3073,
14.0769

 21.7849, 37.3073,
14.0769


 21.7856, 37.3044,
14.0773

 22.5012, 35.3713,
13.4811

 23.5790, 32.6375,
12.6433

 25.1873, 28.9024,
11.5080

 27.2957, 24.5207,
10.1919

 29.8478, 19.8336,
8.8053

■ 32.7803, 15.0891,
7.4266

■ 36.0334, 10.4334,
6.1008

■ 39.5556, 5.9362,
4.8474

■ 43.3047, 1.6193,
3.6707

Harmonies

Analogous

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



21.7856, 50.6579, 5.8881



21.7849, 37.3073, 14.0769



21.7856, 14.5967, 15.2499

Triad

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



21.7856, 37.3044, 14.0773



21.7856, -26.4604, 10.7135



21.7856, 4.7536, -73.5270

Complementary

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



21.7849, 37.3073, 14.0769



41.9196, -22.2205, -4.4283

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.



21.7856, -13.4211, -66.4882



21.7849, 37.3073, 14.0769



21.7856, -27.4622, -4.8745

Square

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



21.7856, 37.3044, 14.0773



21.7856, -20.1474, 15.2499



21.7856, -23.6529, -35.5103



21.7856, 27.9356, -50.3778

Rectangle

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



21.7849, 37.3073, 14.0769



21.7856, -0.1639, 15.2499



21.7856, -23.6529, -35.5103



21.7856, -2.1456, -74.8514

Sweetspot

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



21.7856, 37.3044, 14.0773



47.5131, 14.2598, 8.2129



25.2140, 49.5716, -33.2558



21.8679, 7.8072, 4.1971



80.9895, -4.3214, 4.4003



29.8298, -1.5916, 1.6207

Same Dimension

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



21.7856, 37.3044, 14.0773



28.9106, 49.5064, 18.6813



29.1999, 16.7311, 18.2857



20.8431, 0.5880, 1.7026



21.3327, 36.5289, 13.7846

0.0000, NaN, NaN

Inverse Universe

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



41.9196, -22.2205, -4.4283



55.6299, -29.4878, -5.8768



23.2212, 4.8657, -39.5282



22.1061, -2.7825, 0.6635



41.0482, -21.7585, -4.3362

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 21.7849, 37.3073, 14.0769 looks on a white background.

Color Contrast Check

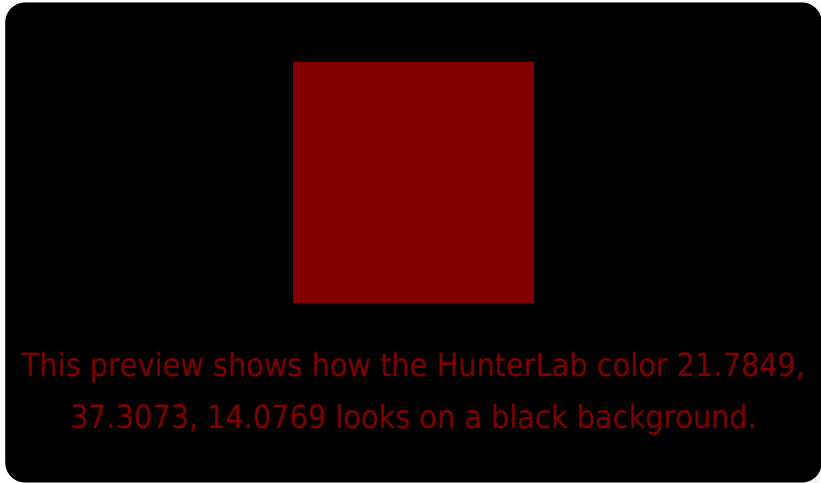
Large Text (above 18pt) WCAG AA ✓ Pass

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

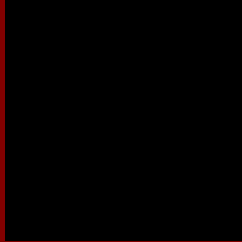
Any Text WCAG AA × Fail

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 21.7849, 37.3073, 14.0769 Background



This preview shows how black text looks on a background with the HunterLab color 21.7849, 37.3073, 14.0769.



This preview shows how white text looks on a background with the HunterLab color 21.7849, 37.3073,

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

21.7849, 37.3073, 14.0769

Protanopia

23.2223, -3.1790, 12.8998

Deuteranopia

22.9875, 0.8485, 14.1796



Tritanopia

22.2038, 34.9811, 14.2943

Trichromacy



Original Color

21.7849, 37.3073, 14.0769

Protanomaly

20.1489, 13.5038, 11.7204

Deuteranomaly

20.3970, 16.6473, 12.8600

Tritanomaly

22.0018, 35.6502, 14.1815

Monochromacy



Original Color

21.7849, 37.3073, 14.0769

Achromatopsia

14.2438, -0.7600, 0.7739

Achromatomaly

14.6396, 13.3445, 5.5297

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 21.7849, 37.3073, 14.0769 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(130, 0, 0)` looks like.

```
.text, #text, p{  
    color:rgb(130, 0, 0)  
}
```

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(130, 0, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(130, 0, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 21.7849, 37.3073, 14.0769 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(130, 0, 0) }
```


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

```
.border{ border-color:rgb(130, 0, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(130, 0, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(130, 0, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(130, 0, 0); box-shadow:4px  
4px 4px 4px rgb(130, 0, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 21.7849, 37.3073, 14.0769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(130, 0, 0) }
```

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

```
.background{ background-color: rgb(130, 0,  
0) }
```

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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