

Converting Colors

HunterLab(22.4189, 40.0645,
1.5300)

Have a look what the booklet for
HunterLab(22.4189, 40.0645,
1.5300) contains.

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Color

**HunterLab(22.4439, 40.0851,
1.7181)**

Conversions

Conversions Part 1

Format	Color
Hex	810040
RGB	129, 0, 64
RGB Percent	51%, 0%, 25%
CMY	0.4941, 0.9999, 0.7490
CMYK	0.00, 1.00, 0.50, 0.49
HSL	330°, 100%, 25%
HSV	330°, 100%, 51%
XYZ	9.9787, 5.0373, 5.2968
YIQ	45.8670, 56.3400, 47.2520

Conversions

Conversions Part 2

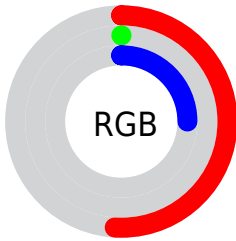
Format	Color
R_{YB}	129, 0, 64
Decimal	8454208
CIE Lab	26.84, 51.21, 0.85
CIE LCh	27, 51.221, 0.956
Yxy	5.0376, 0.4912, 0.2480
Android (android.graphics.Color)	4286644288 (0xFF810040)
YUV	45.8670, 8.9396, 72.9076
Hunter-Lab	22.4439, 40.0851, 1.7181

Details

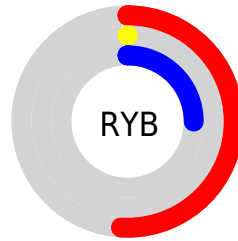
The HunterLab color **22.4439, 40.0851, 1.7181** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **40.1028, -30.9886, 16.7717**, and the grayscale version is **16.4459, -0.8775, 0.8935**.

A 20% lighter version of the original color is **39.9609, 43.9328, 3.0796**, and **12.1425, 21.2714, 4.1482** is the 20% darker color. If you saturate the color by 10%, you get **22.4437, 40.0844, 1.7206**, and if you desaturate by 10%, it is **23.2407, 38.5715, 0.0017**.

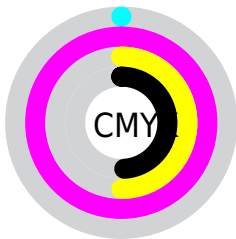
Distribution



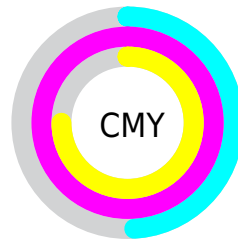
- Red (51%)
- Green (0%)
- Blue (25%)



- Red (51%)
- Yellow (0%)
- Blue (25%)



- Cyan (0%)
- Magenta (100%)
- Yellow (50%)
- Black (49%)



- Cyan (49%)
- Magenta (100%)
- Yellow (75%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 22.4439, 40.0851, 1.7181 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 22.4439, 40.0851, 1.7181 by changing the saturation by 10% instead.

■ 22.4439, 40.0851,
1.7181

■ 22.4439, 40.0851,
1.7181

■ 122.5502, 54.3826,
7.5529

■ 15.0643, 38.1808,
1.2537

■ 39.8734, 43.9541,
2.7747

■ 8.7029, 37.0573,
0.8807

■ 49.7602, 45.7591,
3.3598

0.0000, INF, NaN

■ 60.3512, 47.4539,
3.9802

0.0000, NaN, NaN

■ 71.6023, 49.0389,
4.6338

0.0000, NaN, NaN

■ 83.4769, 50.5184,
5.3192

0.0000, NaN, NaN

■ 95.9438, 51.8982,

0.0000, NaN, NaN

6.0350

0.0000, NaN, NaN

108.9761, 53.1844,
6.7799

22.4439, 40.0851,
1.7181

22.4439, 40.0851,
1.7181

22.4437, 40.0844,
1.7206

23.2407, 38.5715,
0.0017

24.3589, 36.2068,
-1.4467

25.9457, 32.6818,
-2.3743

27.9768, 28.3035,
-2.7659

30.4072, 23.3969,
-2.6692

■ 33.1849, 18.2246,
-2.1609

■ 36.2596, 12.9655,
-1.3211

■ 39.5871, 7.7260,
-0.2206

■ 43.1300, 2.5614,
1.0835

Harmonies

Analogous

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



22.4446, 33.7639, -18.8915



22.4439, 40.0851, 1.7181



22.4446, 32.9509, 11.8536

Triad

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



22.4446, 40.0826, 1.7188



22.4446, -15.2829, 15.2766



22.4446, -14.6036, -44.3346

Complementary

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



22.4439, 40.0851, 1.7181



40.1028, -30.9886, 16.7717

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.



22.4446, -22.4211, -20.4710



22.4439, 40.0851, 1.7181



22.4446, -22.7262, 11.4818

Square

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



22.4446, 40.0826, 1.7188



22.4446, -1.7250, 15.7112



22.4446, -24.9068, 0.7130



22.4446, -0.6677, -54.6428

Rectangle

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



22.4439, 40.0851, 1.7181



22.4446, 22.4520, 14.5112



22.4446, -24.9068, 0.7130



22.4446, -17.8745, -37.0608

Sweetspot

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



22.4446, 40.0826, 1.7188



48.2170, 17.8534, -1.8608



16.4084, 37.7542, -64.2742



22.2372, 9.6701, -1.0895



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.



22.4446, 40.0826, 1.7188



29.9832, 53.4552, 3.0325



21.6043, 36.9944, 13.9590



20.9214, 1.0113, 0.5822



22.1634, 39.5874, 1.6722

0.0000, NaN, NaN

Inverse Universe

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



22.4446, 40.0826, 1.7188



29.9832, 53.4552, 3.0325



41.5759, -22.0410, -4.3847



20.9214, 1.0113, 0.5822

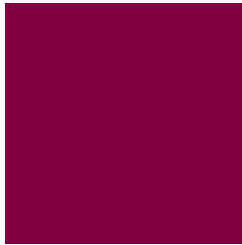


22.1634, 39.5874, 1.6722

0.0000, NaN, NaN

Previews

White Background



This preview shows how the HunterLab color 22.4439, 40.0851, 1.7181 looks on a white background.

Color Contrast Check

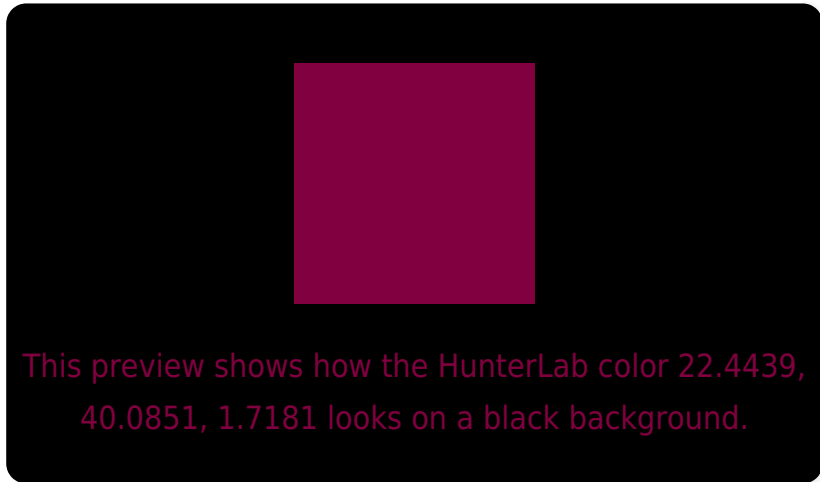
Large Text (above 18pt) WCAG AA ✓ Pass

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

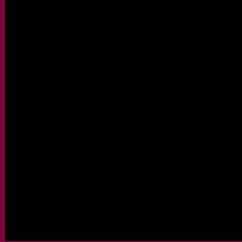
Any Text WCAG AA × Fail

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 22.4439, 40.0851, 1.7181 Background



This preview shows how black text looks on a background with the HunterLab color 22.4439, 40.0851, 1.7181.



This preview shows how white text looks on a background with the HunterLab color 22.4439, 40.0851,

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

22.4439, 40.0851, 1.7181

Protanopia

23.6993, 1.6661, -11.2756

Deuteranopia

23.8205, 1.3293, 4.4025



Tritanopia

22.9728, 31.8690, 12.3400

Trichromacy



Original Color

22.4439, 40.0851, 1.7181

Protanomaly

20.3714, 16.9860, -10.3830

Deuteranomaly

20.9990, 18.1567, 0.7921

Tritanomaly

22.5970, 35.1316, 9.5030

Monochromacy



Original Color

22.4439, 40.0851, 1.7181

Achromatopsia

16.5290, -0.8819, 0.8981

Achromatomaly

16.3471, 15.7522, -1.8674

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 22.4439, 40.0851, 1.7181 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(129, 0, 64)` looks like.

```
.text, #text, p{  
    color:rgb(129, 0, 64)  
}
```

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(129, 0, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 0, 64) }
```

Border

The CSS property to change the border of an element to HunterLab 22.4439, 40.0851, 1.7181 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(129, 0, 64) }
```


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

```
.border{ border-color:rgb(129, 0, 64) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 0, 64)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(129, 0, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(129, 0, 64);  
box-shadow:4px 4px 4px 4px rgb(129, 0, 64)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 22.4439, 40.0851, 1.7181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 0, 64) }
```

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

```
.background{ background-color: rgb(129, 0,  
64) }
```

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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