

Converting Colors

HunterLab(19.8933, 34.8454,
6.8267)

Have a look what the booklet for
HunterLab(19.8933, 34.8454,
6.8267) contains.

HunterLab(19.8371, 34.7439, 6.8317)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(19.8371, 34.7439,
6.8317)**

Conversions

Conversions Part 1

Format	Color
Hex	750028
RGB	117, 0, 40
RGB Percent	46%, 0%, 16%
CMY	0.5412, 1.0000, 0.8431
CMYK	0.00, 1.00, 0.66, 0.54
HSL	339°, 100%, 23%
HSV	339°, 100%, 46%
XYZ	7.7191, 3.9351, 2.3602
YIQ	39.5430, 56.8920, 37.2440

Conversions

Conversions Part 2

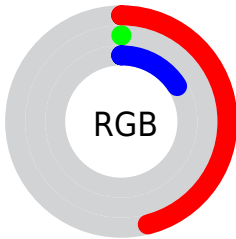
Format	Color
R_{YB}	117, 0, 40
Decimal	7667752
CIE _{Lab}	23.46, 46.46, 12.26
CIE _{LCh}	23, 48.048, 14.787
Yxy	3.9353, 0.5508, 0.2808
Android (android.graphics.Color)	4285857832 (0xFF750028)
YUV	39.5430, 0.2253, 67.9298
Hunter-Lab	19.8371, 34.7439, 6.8317

Details

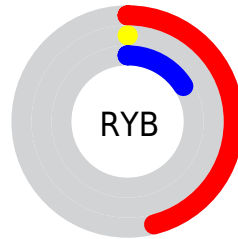
The HunterLab color **19.8371, 34.7439, 6.8317** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **36.4123, -25.9680, 10.5464**, and the grayscale version is **14.4074, -0.7687, 0.7828**.

A 20% lighter version of the original color is **36.8109, 38.4265, 9.5129**, and **10.1308, 17.3709, 6.3786** is the 20% darker color. If you saturate the color by 10%, you get **19.8369, 34.7433, 6.8336**, and if you desaturate by 10%, it is **20.6127, 33.1311, 5.3310**.

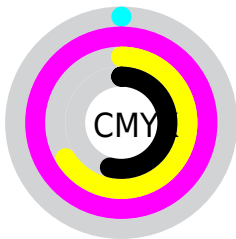
Distribution



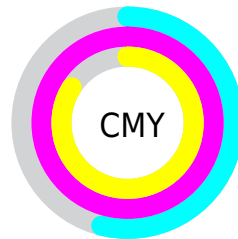
- Red (46%)
- Green (0%)
- Blue (16%)



- Red (46%)
- Yellow (0%)
- Blue (16%)



- Cyan (0%)
- Magenta (100%)
- Yellow (66%)
- Black (54%)



- Cyan (54%)
- Magenta (100%)
- Yellow (84%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 19.8371, 34.7439, 6.8317 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 19.8371, 34.7439, 6.8317 by changing the saturation by 10% instead.

■ 19.8371, 34.7439,
6.8317

■ 19.8371, 34.7439,
6.8317

■ 117.8960, 47.9367,
18.2859

■ 12.7963, 32.9306,
5.4144

■ 36.6955, 38.4055,
9.5228

■ 6.1860, 37.7378,
4.3302

■ 46.3322, 40.0913,
10.8021

0.0000, INF, NaN

■ 56.6901, 41.6608,
12.0605

0.0000, NaN, NaN

■ 67.7222, 43.1169,
13.3076

0.0000, NaN, NaN

■ 79.3895, 44.4657,
14.5496


0.0000, NaN, NaN


■ 91.6591, 45.7142,


0.0000, NaN, NaN


15.7913


0.0000, NaN, NaN


 104.5028, 46.8691,
17.0359


 19.8371, 34.7439,
6.8317


 19.8371, 34.7439,
6.8317


 19.8369, 34.7433,
6.8336

 20.6127, 33.1311,
5.3310

 21.6584, 30.9148,
3.8538

 23.1313, 27.7404,
2.6468

 25.0047, 23.8887,
1.7693

 27.2345, 19.6402,
1.2273

■ 29.7724, 15.2125,
0.9929

■ 32.5725, 10.7478,
1.0238

■ 35.5949, 6.3267,
1.2760

■ 38.8065, 1.9880,
1.7098

Harmonies

Analogous

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



19.8377, 34.6527, -7.4420



19.8371, 34.7439, 6.8317



19.8377, 23.5168, 12.5087

Triad

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



19.8377, 34.7415, 6.8322



19.8377, -17.4210, 12.5614



19.8377, -8.0036, -47.0056

Complementary

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



19.8371, 34.7439, 6.8317



36.4123, -25.9680, 10.5464

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.



19.8377, -17.5169, -29.1260



19.8371, 34.7439, 6.8317



19.8377, -21.7635, 6.9622

Square

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



19.8377, 34.7415, 6.8322



19.8377, -7.8278, 13.8864



19.8377, -21.7925, -7.1696



19.8377, 6.7587, -47.1532

Rectangle

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



19.8371, 34.7439, 6.8317



19.8377, 12.6130, 13.8864



19.8377, -21.7925, -7.1696



19.8377, -11.8073, -42.5004

Sweetspot

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



19.8377, 34.7415, 6.8322



43.2820, 14.8507, 1.3553



16.8027, 36.4146, -48.3931



20.1486, 8.0639, 0.6301



77.7063, -4.1462, 4.2219



27.0627, -1.4440, 1.4704

Same Dimension

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



19.8377, 34.7415, 6.8322



26.5008, 46.3291, 9.7933



20.4949, 29.8504, 13.1504



19.2863, 0.7789, 0.8673



20.8155, 36.4447, 7.2683



45.7909, 79.8653, 18.3729

Inverse Universe

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



19.8377, 34.7415, 6.8322



26.5008, 46.3291, 9.7933



32.0841, -13.2206, -11.5615



19.2863, 0.7789, 0.8673



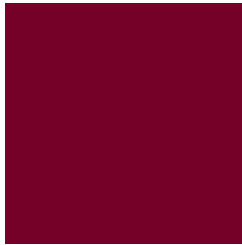
20.8155, 36.4447, 7.2683



45.7909, 79.8653, 18.3729

Previews

White Background



This preview shows how the HunterLab color 19.8371, 34.7439, 6.8317 looks on a white background.

Color Contrast Check

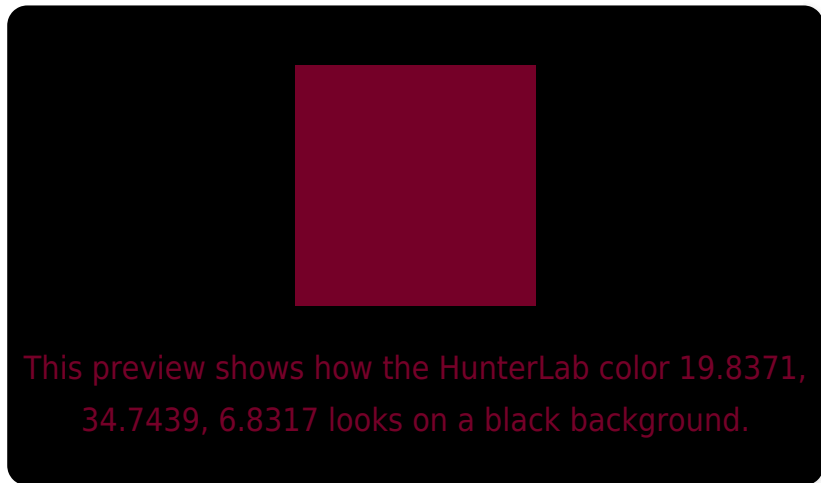
Large Text (above 18pt) WCAG AA ✓ Pass

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

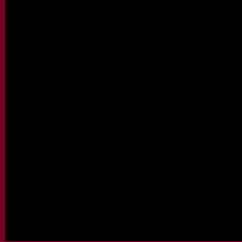
Any Text WCAG AA × Fail

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 19.8371, 34.7439, 6.8317 Background



This preview shows how black text looks on a background with the HunterLab color 19.8371, 34.7439, 6.8317.



This preview shows how white text looks on a background with the HunterLab color 19.8371, 34.7439,

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

19.8371, 34.7439, 6.8317

Protanopia

21.3063, -1.0123, 1.5970

Deuteranopia

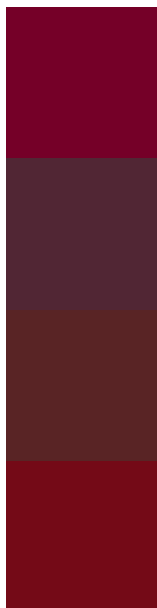
21.1283, 1.1626, 8.5774



Tritanopia

20.2862, 30.2021, 11.8147

Trichromacy



Original Color

19.8371, 34.7439, 6.8317

Protanomaly

18.3943, 13.4804, 1.0986

Deuteranomaly

18.7595, 15.5522, 6.3000

Tritanomaly

19.9799, 31.7334, 10.4616

Monochromacy



Original Color

19.8371, 34.7439, 6.8317

Achromatopsia

14.5667, -0.7772, 0.7914

Achromatomaly

14.4132, 13.3487, 0.8571

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 19.8371, 34.7439, 6.8317 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(117, 0, 40)` looks like.

```
.text, #text, p{  
    color:rgb(117, 0, 40)  
}
```

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(117, 0, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 0, 40) }
```

Border

The CSS property to change the border of an element to HunterLab 19.8371, 34.7439, 6.8317 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(117, 0, 40) }
```


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

```
.border{ border-color:rgb(117, 0, 40) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 0, 40)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 0, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 0, 40);  
box-shadow:4px 4px 4px 4px rgb(117, 0, 40)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 19.8371, 34.7439, 6.8317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 0, 40) }
```

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

```
.background{ background-color: rgb(117, 0,  
40) }
```

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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