

Converting Colors

HunterLab(23.3610, 41.8150,
-0.0953)

Have a look what the booklet for
HunterLab(23.3610, 41.8150,
-0.0953) contains.

HunterLab(23.3735, 41.7354, 0.0118)	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(23.3735, 41.7354,
0.0118)**

Conversions

Conversions Part 1

Format	Color
Hex	850147
RGB	133, 1, 71
RGB Percent	52%, 0%, 28%
CMY	0.4784, 0.9960, 0.7216
CMYK	0.00, 0.99, 0.47, 0.48
HSL	328°, 98%, 26%
HSV	328°, 99%, 52%
XYZ	10.8211, 5.4632, 6.4454
YIQ	48.4480, 56.2020, 49.7540

Conversions

Conversions Part 2

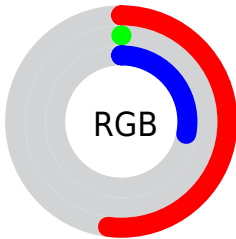
Format	Color
R_{YB}	133, 1, 71
Decimal	8716615
CIE _{Lab}	28.02, 52.61, -2.06
CIE _{LCh}	28, 52.649, 357.762
Yxy	5.4635, 0.4761, 0.2404
Android (android.graphics.Color)	4286906695 (0xFF850147)
YUV	48.4480, 11.1181, 74.1521
Hunter-Lab	23.3735, 41.7354, 0.0118

Details

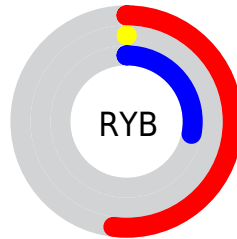
The HunterLab color **23.3735, 41.7354, 0.0118** is a dark color, and the websafe version is hex **660033**. A complement of this color would be **41.4013, -32.3649, 18.2070**, and the grayscale version is **17.2950, -0.9228, 0.9397**.

A 20% lighter version of the original color is **40.9739, 45.9446, 0.7978**, and **12.8904, 22.7256, 3.2877** is the 20% darker color. If you saturate the color by 10%, you get **23.3139, 41.8509, 0.1417**, and if you desaturate by 10%, it is **24.1837, 40.2168, -1.7203**.

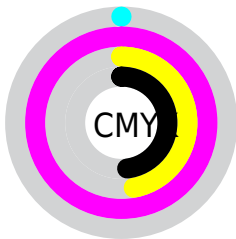
Distribution



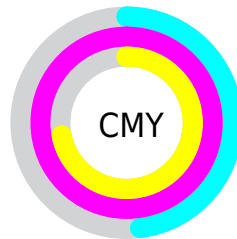
- Red (52%)
- Green (0%)
- Blue (28%)



- Red (52%)
- Yellow (0%)
- Blue (28%)



- Cyan (0%)
- Magenta (99%)
- Yellow (47%)
- Black (48%)



- Cyan (48%)
- Magenta (100%)
- Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.3735, 41.7354, 0.0118 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 23.3735, 41.7354, 0.0118 by changing the saturation by 10% instead.

■ 23.3735, 41.7354,
0.0118

■ 23.3735, 41.7354,
0.0118

124.1797, 56.3308,
4.6006

■ 15.8799, 39.8018,
-0.2518

■ 40.9969, 45.6607,
0.7250

■ 9.4206, 38.3457,
-0.4387

■ 50.9690, 47.4974,
1.1585

0.0000, INF, NaN

0.0000, INF, NaN

■ 61.6396, 49.2255,
1.6369

0.0000, NaN, NaN

■ 72.9658, 50.8449,
2.1567

0.0000, NaN, NaN

■ 84.9115, 52.3595,
2.7152

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 97.4461, 53.7749,


3.3100


0.0000, NaN, NaN


 110.5433, 55.0968,
3.9390


 23.3735, 41.7354,
0.0118


 23.3735, 41.7354,
0.0118


 23.3139, 41.8509,
0.1417

 24.1837, 40.2168,
-1.7203

 25.3597, 37.6893,
-3.0820

 27.0192, 33.9581,
-3.8566

 29.1365, 29.3459,
-4.0470

 31.6646, 24.1897,
-3.7185

■ 34.5501, 18.7608,
-2.9618

■ 37.7415, 13.2436,
-1.8664

■ 41.1932, 7.7477,
-0.5088

■ 44.8670, 2.3300,
1.0508

Harmonies

Analogous

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



23.3742, 33.7432, -22.4445



23.3735, 41.7354, 0.0118



23.3742, 35.7257, 11.6829

Triad

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



23.3742, 41.7329, 0.0125



23.3742, -14.7243, 16.0576



23.3742, -16.3809, -43.9279

Complementary

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



23.3735, 41.7354, 0.0118



41.4013, -32.3649, 18.2070

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.



23.3742, -23.8756, -18.5927



23.3735, 41.7354, 0.0118



23.3742, -23.1313, 12.5900

Square

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



23.3742, 41.7329, 0.0125



23.3742, 0.0546, 16.3619



23.3742, -25.9352, 2.4657



23.3742, -2.5236, -56.8895

Rectangle

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



23.3735, 41.7354, 0.0118



23.3742, 25.3407, 14.7082



23.3742, -25.9352, 2.4657



23.3742, -19.5583, -35.9657

Sweetspot

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



23.3742, 41.7329, 0.0125



49.8658, 18.7906, -2.7334



16.6115, 38.3008, -68.2958



22.9329, 10.1724, -1.5583



82.0889, -4.3801, 4.4600



30.7619, -1.6414, 1.6714

Same Dimension

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



23.3742, 41.7329, 0.0125



31.1475, 55.8187, 0.9204



22.4064, 38.1718, 14.0635



21.7415, 1.0988, 0.5177



22.7573, 40.8583, 0.0871



1.3935, 2.5990, -0.7479

Inverse Universe

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



23.3742, 41.7329, 0.0125



31.1475, 55.8187, 0.9204



42.8439, -23.5807, -2.5616



21.7415, 1.0988, 0.5177



22.7573, 40.8583, 0.0871



1.3935, 2.5990, -0.7479

Previews

White Background



This preview shows how the HunterLab color 23.3735, 41.7354, 0.0118 looks on a white background.

Color Contrast Check

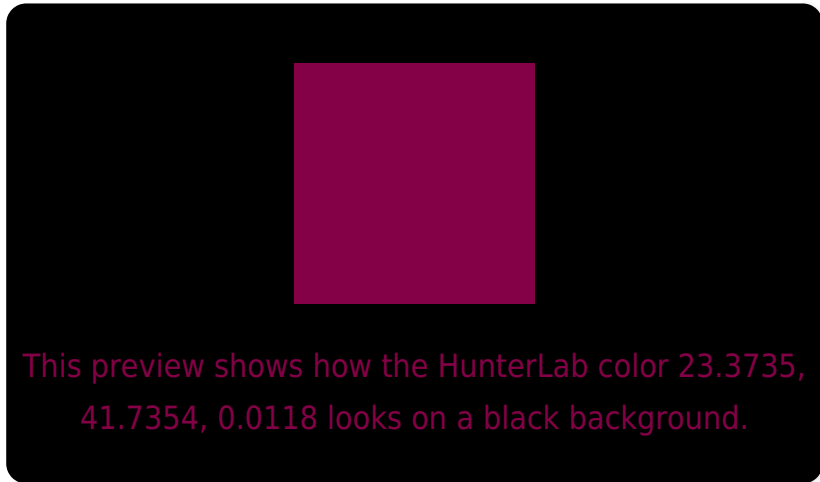
Large Text (above 18pt) WCAG AA ✓ Pass

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

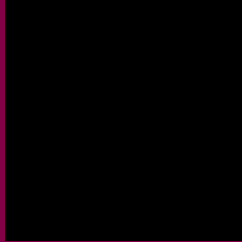
Any Text WCAG AA × Fail

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 23.3735, 41.7354, 0.0118 Background



This preview shows how black text looks on a background with the HunterLab color 23.3735, 41.7354, 0.0118.



This preview shows how white text looks on a background with the HunterLab color 23.3735, 41.7354,

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

23.3735, 41.7354, 0.0118

Protanopia

24.4808, 2.4407, -15.3165

Deuteranopia

24.5269, 1.4953, 3.0503



Tritanopia

23.9576, 32.4688, 12.6121

Trichromacy



Original Color

23.3735, 41.7354, 0.0118

Protanomaly

21.1849, 17.9919, -14.3312

Deuteranomaly

21.7478, 18.6895, -0.7488

Tritanomaly

23.4947, 36.2771, 9.0991

Monochromacy



Original Color

23.3735, 41.7354, 0.0118

Achromatopsia

17.1921, -0.9173, 0.9341

Achromatomaly

17.1107, 16.2520, -2.1361

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.3735, 41.7354, 0.0118 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(133, 1, 71)` looks like.

```
.text, #text, p{  
    color:rgb(133, 1, 71)  
}
```

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(133, 1, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 1, 71) }
```

Border

The CSS property to change the border of an element to HunterLab 23.3735, 41.7354, 0.0118 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(133, 1, 71) }
```


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

```
.border{ border-color:rgb(133, 1, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 1, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 1, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 1, 71);  
box-shadow:4px 4px 4px 4px rgb(133, 1, 71)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 23.3735, 41.7354, 0.0118 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 1, 71) }
```

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

```
.background{ background-color: rgb(133, 1,  
71) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor