

Converting Colors

HunterLab(23.7446, 39.0406,
7.8143)

Have a look what the booklet for
HunterLab(23.7446, 39.0406,
7.8143) contains.

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Color

**HunterLab(23.7077, 38.9768,
7.7442)**

Conversions

Conversions Part 1

Format	Color
Hex	870B32
RGB	135, 11, 50
RGB Percent	53%, 4%, 20%
CMY	0.4706, 0.9568, 0.8039
CMYK	0.00, 0.92, 0.63, 0.47
HSL	341°, 85%, 29%
HSV	341°, 92%, 53%
XYZ	10.6871, 5.6206, 3.5392
YIQ	52.5220, 61.3850, 38.4170

Conversions

Conversions Part 2

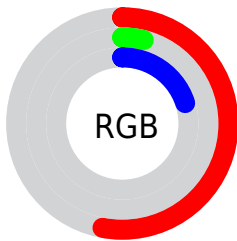
Format	Color
RYB	135, 11, 50
Decimal	8850226
CIELab	28.44, 49.80, 12.78
CIElCh	28, 51.414, 14.397
Yxy	5.6209, 0.5385, 0.2832
Android (android.graphics.Color)	4287040306 (0xFF870B32)
YUV	52.5220, -1.2433, 72.3332
Hunter-Lab	23.7077, 38.9768, 7.7442

Details

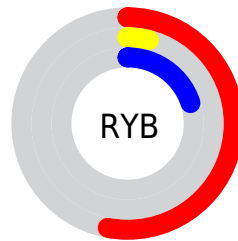
The HunterLab color **23.7077, 38.9768, 7.7442** is a dark color, and the websafe version is hex **990033**. A complement of this color would be **42.7130, -29.1365, 10.4429**, and the grayscale version is **18.6994, -0.9978, 1.0160**.

A 20% lighter version of the original color is **41.4866, 42.7432, 10.4969**, and **12.7526, 21.8907, 7.8408** is the 20% darker color. If you saturate the color by 10%, you get **23.0679, 40.2431, 9.1801**, and if you desaturate by 10%, it is **24.7872, 36.7373, 5.9364**.

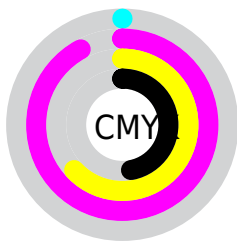
Distribution



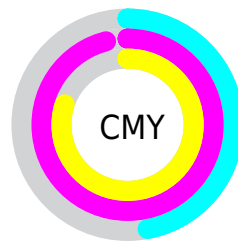
- Red (53%)
- Green (4%)
- Blue (20%)



- Red (53%)
- Yellow (4%)
- Blue (20%)



- Cyan (0%)
- Magenta (92%)
- Yellow (63%)
- Black (47%)



- Cyan (47%)
- Magenta (96%)
- Yellow (80%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 23.7077, 38.9768, 7.7442 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 23.7077, 38.9768, 7.7442 by changing the saturation by 10% instead.

■ 23.7077, 38.9768,
7.7442

■ 23.7077, 38.9768,
7.7442

■ 124.7619, 52.7345,
19.3960

■ 16.1739, 37.0598,
6.2770

■ 41.3997, 42.7505,
10.4586

■ 9.6680, 35.4852,
6.0130

■ 51.4020, 44.4921,
11.7591

0.0000, INF, NaN

0.0000, NaN, NaN

■ 62.1009, 46.1214,
13.0413

0.0000, NaN, NaN

■ 73.4536, 47.6407,
14.3135

0.0000, NaN, NaN

■ 85.4246, 49.0555,
15.5814


0.0000, NaN, NaN

0.0000, NaN, NaN

■ 97.9833, 50.3720,


16.8492


0.0000, NaN, NaN


 111.1034, 51.5964,
18.1200


 23.7077, 38.9768,
7.7442


 23.7077, 38.9768,
7.7442


 23.0679, 40.2431,
9.1801

 24.7872, 36.7373,
5.9364

 26.3852, 33.2782,
4.3675

 28.4791, 28.9153,
3.1408

 31.0190, 24.0015,
2.2905

 33.9455, 18.8248,
1.8011

■ 37.2006, 13.5787,
1.6312

■ 40.7338, 8.3748,
1.7316

■ 44.5025, 3.2681,
2.0558

■ 48.4721, -1.7215,
2.5636

Harmonies

Analogous

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



23.7084, 38.6942, -8.5838



23.7077, 38.9768, 7.7442



23.7084, 26.6017, 14.3133

Triad

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



23.7084, 38.9741, 7.7448



23.7084, -19.9392, 14.4471



23.7084, -9.3651, -51.7047

Complementary

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



23.7077, 38.9768, 7.7442



42.7130, -29.1365, 10.4429

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.



23.7084, -20.2558, -31.9741



23.7077, 38.9768, 7.7442



23.7084, -25.0940, 8.1726

Square

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



23.7084, 38.9741, 7.7448



23.7084, -8.7947, 16.5959



23.7084, -25.1909, -7.7206



23.7084, 7.3372, -52.1608

Rectangle

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



23.7077, 38.9768, 7.7442



23.7084, 14.4183, 16.1308



23.7084, -25.1909, -7.7206



23.7084, -13.7033, -46.7085

Sweetspot

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



23.7084, 38.9741, 7.7448



51.2638, 15.9230, 2.1898



21.1225, 41.5375, -50.5971



23.8270, 8.9456, 1.0518



83.1908, -4.4389, 4.5199



31.6988, -1.6914, 1.7223

Same Dimension

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



23.7084, 38.9741, 7.7448



30.8273, 53.6976, 12.9056



25.1092, 31.5344, 15.2754



21.7050, 0.9026, 1.0373



22.1565, 38.6629, 8.7424



1.3495, 2.4413, -0.1372

Inverse Universe

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



23.7084, 38.9741, 7.7448



30.8273, 53.6976, 12.9056



36.6994, -13.9544, -14.6615



21.7050, 0.9026, 1.0373



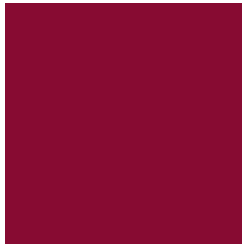
22.1565, 38.6629, 8.7424



1.3495, 2.4413, -0.1372

Previews

White Background



This preview shows how the HunterLab color 23.7077, 38.9768, 7.7442 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

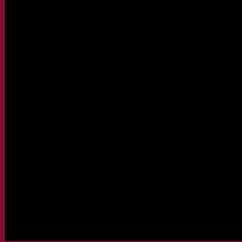
Any Text WCAG AA × Fail

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 23.7077, 38.9768, 7.7442 Background



This preview shows how black text looks on a background with the HunterLab color 23.7077, 38.9768, 7.7442.



This preview shows how white text looks on a background with the HunterLab color 23.7077, 38.9768,

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

23.7077, 38.9768, 7.7442

Protanopia

24.5751, -0.4681, -0.0725

Deuteranopia

24.4195, 1.5557, 9.2888



Tritanopia

23.8669, 34.9207, 13.5556

Trichromacy



Original Color

23.7077, 38.9768, 7.7442

Protanomaly

22.0800, 14.9359, 0.4381

Deuteranomaly

22.4384, 16.9250, 7.2929

Tritanomaly

23.6754, 36.2891, 11.8018

Monochromacy



Original Color

23.7077, 38.9768, 7.7442

Achromatopsia

18.8683, -1.0068, 1.0252

Achromatomaly

18.6364, 14.1292, 1.3952

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 23.7077, 38.9768, 7.7442 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(135, 11, 50)` looks like.

```
.text, #text, p{  
    color:rgb(135, 11, 50)  
}
```

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(135, 11, 50) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(135, 11, 50) }
```

Border

The CSS property to change the border of an element to HunterLab 23.7077, 38.9768, 7.7442 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(135, 11, 50) }
```


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

```
.border{ border-color:rgb(135, 11, 50) }
```

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

Here you see how a box with a 4 pixel rgb(135, 11, 50) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(135, 11, 50); -webkit-box-  
shadow:4px 4px 4px 4px rgb(135, 11, 50);  
box-shadow:4px 4px 4px 4px rgb(135, 11,  
50) }
```

Background

The CSS property to change the background color of an element to HunterLab 23.7077, 38.9768, 7.7442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(135, 11, 50) }
```

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

```
.background{ background-color: rgb(135, 11,  
50) }
```

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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