

Converting Colors

HunterLab(39.9080, 47.0778,
-34.8396)

Have a look what the booklet for
HunterLab(39.9080, 47.0778,
-34.8396) contains.

HunterLab(39.9080, 47.0778, -34.8396)	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(39.9080, 47.0778,
-34.8396)**

Conversions

Conversions Part 1

Format	Color
Hex	A847AF
RGB	168, 71, 175
RGB Percent	66%, 28%, 69%
CMY	0.3412, 0.7216, 0.3137
CMYK	0.04, 0.59, 0.00, 0.31
HSL	296°, 42%, 48%
HSV	296°, 59%, 69%
XYZ	26.1396, 15.9265, 42.2539
YIQ	111.8590, 24.4280, 52.9080

Conversions

Conversions Part 2

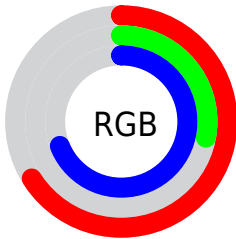
Format	Color
R_{YB}	168, 71, 175
Decimal	11028399
CIE _{Lab}	46.88, 54.13, -37.47
CIE _{LCh}	47, 65.832, 325.307
Yxy	15.9272, 0.3100, 0.1889
Android (android.graphics.Color)	4289218479 (0xFFA847AF)
YUV	111.8590, 31.1285, 49.2357
Hunter-Lab	39.9080, 47.0778, -34.8396

Details

The HunterLab color **39.9080, 47.0778, -34.8396** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **57.2145, -38.9462, 28.3952**, and the grayscale version is **40.0778, -2.1385, 2.1775**.

A 20% lighter version of the original color is **60.3691, 50.4995, -36.1667**, and **22.5118, 43.0589, -33.8677** is the 20% darker color. If you saturate the color by 10%, you get **37.2611, 54.2362, -40.6260**, and if you desaturate by 10%, it is **43.1423, 38.9842, -28.4715**.

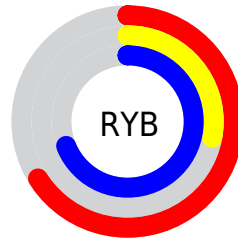
Distribution



Red (66%)

Green (28%)

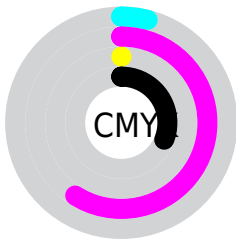
Blue (69%)



Red (66%)

Yellow (28%)

Blue (69%)

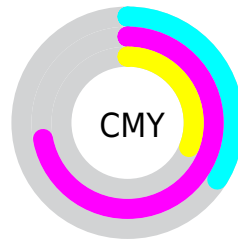


Cyan (4%)

Magenta (59%)

Yellow (0%)

Black (31%)



Cyan (34%)

Magenta (72%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 39.9080, 47.0778, -34.8396 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 39.9080, 47.0778, -34.8396 by changing the saturation by 10% instead.

39.9080, 47.0778,
-34.8396

39.9080, 47.0778,
-34.8396

151.2983, 60.5118,
-39.6204

30.7777, 45.0916,
-34.2698

60.3919, 50.7613,
-36.1272

22.4738, 43.0679,
-33.9063

71.6454, 52.4433,
-36.7565

15.0899, 41.1588,
-34.0772

83.5222, 54.0203,
-37.3502

8.7266, 40.1542,
-35.9696

95.9913, 55.4972,
-37.9005

0.0000, INF, -NF

0.0000, NaN, -NF

109.0256, 56.8795,
-38.4036

0.0000, NaN, NaN

122.6017, 58.1726,

0.0000, NaN, NaN

-38.8580

0.0000, NaN, NaN

136.6988, 59.3818,
-39.2634

■ 39.9080, 47.0778,
-34.8396

■ 39.9080, 47.0778,
-34.8396

■ 37.2611, 54.2362,
-40.6260

■ 43.1423, 38.9842,
-28.4715

■ 35.2505, 59.9466,
-45.4460

■ 46.8936, 30.4077,
-21.8513

■ 33.8920, 63.7675,
-48.9503

■ 51.0928, 21.6679,
-15.2023

■ 33.0669, 65.8186,
-51.1934

■ 55.6757, 12.9639,
-8.6566

■ 33.0231, 65.9254,
-51.3150

■ 60.5867, 4.4029,
-2.2793

■ 65.7796, -3.9685,
3.9072

■ 71.2162, -12.1392,
9.9049

■ 76.8655, -20.1177,
15.7279

■ 82.7022, -27.9215,
21.3957

Harmonies

Analogous

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



39.9089, 21.2249, -67.8120



39.9080, 47.0778, -34.8396



39.9089, 59.9058, -1.8613

Triad

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



39.9089, 47.0763, -34.8381



39.9089, 1.9856, 26.3508



39.9089, -37.6576, -23.5493

Complementary

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



39.9080, 47.0778, -34.8396



57.2145, -38.9462, 28.3952

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.



39.9089, -40.3613, 5.8245



39.9080, 47.0778, -34.8396



39.9089, -21.1083, 25.5722

Square

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



39.9089, 47.0763, -34.8381



39.9089, 30.0119, 24.7018



39.9089, -35.1361, 20.7169



39.9089, -26.5103, -58.8917

Rectangle

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



39.9080, 47.0778, -34.8396



39.9089, 57.4760, 12.6827



39.9089, -35.1361, 20.7169



39.9089, -39.4415, -12.3105

Sweetspot

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



39.9089, 47.0763, -34.8381



75.2211, 16.0604, -10.6210



31.8185, 18.2646, -55.6484



34.6053, 9.1344, -6.1769



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444

Same Dimension

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



39.9089, 47.0763, -34.8381



49.0236, 74.9476, -56.3280



39.0870, 41.5421, -8.1205



28.4960, 2.0174, -1.0329



27.9646, 55.8163, -43.3707



4.7493, 9.4316, -6.9953

Inverse Universe

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



37.6446, 35.1589, 12.4588



45.5288, 57.2625, 19.9955



57.6389, -35.8793, 18.4097



28.3263, 1.0074, 2.1431



25.5910, 43.9121, 15.8642



4.3006, 7.4436, 2.1689

Previews

White Background



This preview shows how the HunterLab color 39.9080, 47.0778, -34.8396 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 × Fail

Black Background



This preview shows how the HunterLab color 39.9080, 47.0778, -34.8396 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

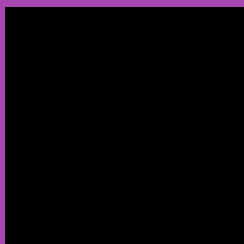
Any Text WCAG AA × Fail

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 39.9080, 47.0778, -34.8396 Background



This preview shows how black text looks on a background with the HunterLab color 39.9080, 47.0778, -34.8396.



This preview shows how white text looks on a background with the HunterLab color 39.9080, 47.0778, -34.8396.

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

39.9080, 47.0778, -34.8396

Protanopia

40.3458, 12.3070, -64.5260

Deuteranopia

40.1588, 3.0560, -29.8947



Tritanopia

39.9075, 21.3066, 7.4262

Trichromacy



Original Color

39.9080, 47.0778, -34.8396

Protanomaly

38.4868, 21.7306, -57.2801

Deuteranomaly

38.6663, 18.2168, -34.9331

Tritanomaly

39.4390, 30.1070, -5.3558

Monochromacy



Original Color

39.9080, 47.0778, -34.8396

Achromatopsia

40.2529, -2.1478, 2.1870

Achromatomaly

38.9926, 14.9123, -10.5654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 39.9080, 47.0778, -34.8396 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(168, 71, 175)` looks like.

```
.text, #text, p{  
    color:rgb(168, 71, 175)  
}
```

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(168, 71, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 71, 175) }
```

Border

The CSS property to change the border of an element to HunterLab 39.9080, 47.0778, -34.8396 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(168, 71, 175) }
```


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

```
.border{ border-color:rgb(168, 71, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 71, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 71, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 71, 175);  
box-shadow:4px 4px 4px 4px rgb(168, 71,  
175) }
```

Background

The CSS property to change the background color of an element to HunterLab 39.9080, 47.0778, -34.8396 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 71, 175) }
```

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

```
.background{ background-color: rgb(168, 71,  
175) }
```

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