

Converting Colors

HunterLab(40.9810, 39.3025,
-16.2473)

Have a look what the booklet for
HunterLab(40.9810, 39.3025,
-16.2473) contains.

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Color

**HunterLab(40.9174, 39.4966,
-16.5200)**

Conversions

Conversions Part 1	
Format	Color
Hex	AC5097
RGB	172, 80, 151
RGB Percent	67%, 31%, 59%
CMY	0.3255, 0.6863, 0.4078
CMYK	0.00, 0.53, 0.12, 0.33
HSL	314°, 37%, 49%
HSV	314°, 53%, 67%
XYZ	25.4678, 16.7423, 31.1675
YIQ	115.6020, 32.0410, 41.5850

Conversions

Conversions Part 2

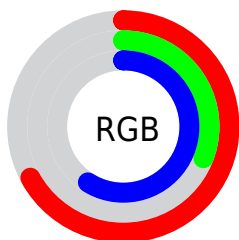
Format	Color
RYB	172, 80, 151
Decimal	11292823
CIELab	47.93, 46.77, -21.58
CIELCh	48, 51.504, 335.233
Yxy	16.7431, 0.3471, 0.2282
Android (android.graphics.Color)	4289482903 (0xFFAC5097)
YUV	115.6020, 17.4512, 49.4610
Hunter-Lab	40.9174, 39.4966, -16.5200

Details

The HunterLab color **40.9174, 39.4966, -16.5200** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **56.7016, -34.9742, 21.4517**, and the grayscale version is **41.5646, -2.2178, 2.2583**.

A 20% lighter version of the original color is **61.5149, 42.4269, -17.0206**, and **23.3255, 35.7501, -15.6471** is the 20% darker color. If you saturate the color by 10%, you get **37.9645, 46.6506, -18.9468**, and if you desaturate by 10%, it is **44.4096, 31.6805, -13.4384**.

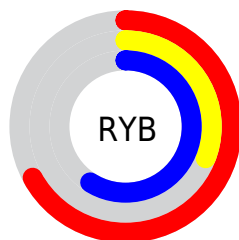
Distribution



Red (67%)

Green (31%)

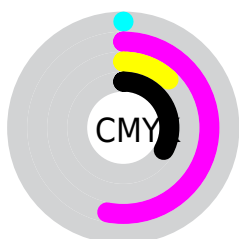
Blue (59%)



Red (67%)

Yellow (31%)

Blue (59%)

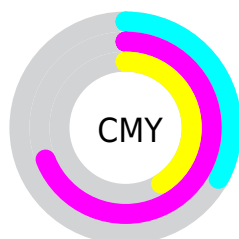


Cyan (0%)

Magenta (53%)

Yellow (12%)

Black (33%)



Cyan (33%)

Magenta (69%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 40.9174, 39.4966, -16.5200 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 40.9174, 39.4966, -16.5200 by changing the saturation by 10% instead.


 40.9174, 39.4966,
-16.5200


 40.9174, 39.4966,
-16.5200


152.8685, 50.6322,
-17.7578


 31.7041, 37.7363,
-16.0827


 61.5496, 42.6683,
-17.2043


 23.3091, 35.8841,
-15.6003

 72.8706, 44.0866,
-17.4516

 15.8227, 34.0138,
-15.1195


 84.8114, 45.4005,
-17.6379

 9.3724, 32.4086,
-14.8082

 97.3413, 46.6171,
-17.7663

0.0000, INF, -NF

0.0000, NaN, -NF

 110.4339, 47.7428,
-17.8396

0.0000, NaN, NaN

124.0660, 48.7837,

0.0000, NaN, NaN

-17.8609

0.0000, NaN, NaN

138.2170, 49.7452,
-17.8328

■ 40.9174, 39.4966,
-16.5200

■ 40.9174, 39.4966,
-16.5200

■ 37.9645, 46.6506,
-18.9468

■ 44.4096, 31.6805,
-13.4384

■ 35.6113, 52.6869,
-20.4977

■ 48.3684, 23.5651,
-9.9086

■ 33.8986, 57.1273,
-20.9827


■ 52.7283, 15.3851,
-6.0856


■ 32.8213, 59.6513,
-20.3353


■ 57.4309, 7.2776,
-2.0795


■ 32.3372, 60.5927,
-19.5249

■ 62.4270, -0.6889,
2.0375

 67.6758, -8.4887,
6.2200

 73.1444, -16.1205,
10.4403

 78.8057, -23.5955,
14.6826

 84.6378, -30.9305,
18.9381

Harmonies

Analogous

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



40.9184, 22.7774, -41.0274



40.9174, 39.4966, -16.5200



40.9184, 44.2372, 5.4624

Triad

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



40.9184, 39.4947, -16.5187



40.9184, -5.6752, 24.6043



40.9184, -29.3722, -25.4084

Complementary

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



40.9174, 39.4966, -16.5200



56.7016, -34.9742, 21.4517

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.



40.9184, -34.1801, -1.2956



40.9174, 39.4966, -16.5200



40.9184, -22.3063, 22.3972

Square

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



40.9184, 39.4947, -16.5187



40.9184, 15.4308, 23.6015



40.9184, -31.8700, 14.9008



40.9184, -17.2484, -47.6746

Rectangle

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



40.9174, 39.4966, -16.5200



40.9184, 39.3119, 15.0765



40.9184, -31.8700, 14.9008



40.9184, -31.7778, -16.9097

Sweetspot

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



40.9184, 39.4947, -16.5187



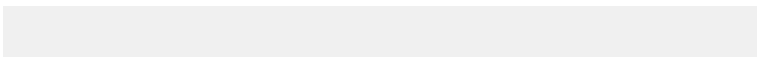
75.5370, 12.8443, -4.3307



33.7970, 23.0575, -47.2413



34.6244, 6.9938, -2.5191



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



40.9184, 39.4947, -16.5187



50.5499, 64.3065, -25.9562



39.4345, 32.7794, 4.3431



28.4892, 1.8828, -0.1774



27.9110, 52.3249, -17.0533



4.7360, 9.0129, -3.9339

Inverse Universe

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



40.9184, 39.4947, -16.5187



50.5499, 64.3065, -25.9562



57.6925, -29.0435, 7.1215



28.4892, 1.8828, -0.1774



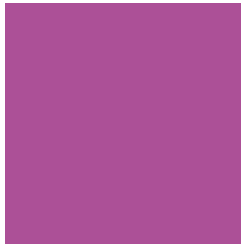
27.9110, 52.3249, -17.0533



4.7360, 9.0129, -3.9339

Previews

White Background



This preview shows how the HunterLab color 40.9174, 39.4966, -16.5200 looks on a white background.

Color Contrast Check

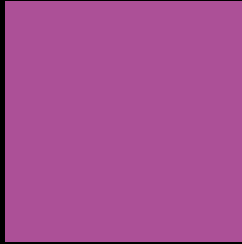
Large Text (above 18pt) WCAG AA ✓ Pass

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 40.9174, 39.4966, -16.5200 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

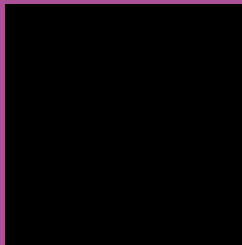
Any Text WCAG AA × Fail

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 40.9174, 39.4966, -16.5200 Background



This preview shows how black text looks on a background with the HunterLab color 40.9174, 39.4966, -16.5200.



This preview shows how white text looks on a background with the HunterLab color 40.9174, 39.4966, -16.5200.

-16.5200.

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

40.9174, 39.4966, -16.5200

Protanopia

41.1668, 5.7680, -33.6889

Deuteranopia


41.1277, 3.0639, -13.8069




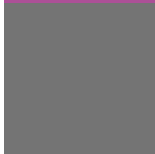

Tritanopia

40.8193, 23.9188, 8.4255

Trichromacy

	Original Color 40.9174, 39.4966, -16.5200
	Protanomaly 39.8716, 16.5297, -29.5064
	Deuteranomaly 40.1970, 15.8842, -16.2773
	Tritanomaly 40.7582, 28.9994, 0.6902

Monochromacy

	Original Color 40.9174, 39.4966, -16.5200
	Achromatopsia 41.7908, -2.2299, 2.2706
	Achromatomaly 40.6445, 12.1662, -5.0386

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 40.9174, 39.4966, -16.5200 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(172, 80, 151)` looks like.

```
.text, #text, p{  
    color:rgb(172, 80, 151)  
}
```

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(172, 80, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 80, 151) }
```

Border

The CSS property to change the border of an element to HunterLab 40.9174, 39.4966, -16.5200 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(172, 80, 151) }
```


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

```
.border{ border-color:rgb(172, 80, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 80, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 80, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 80, 151);  
box-shadow:4px 4px 4px 4px rgb(172, 80,  
151) }
```

Background

The CSS property to change the background color of an element to HunterLab 40.9174, 39.4966, -16.5200 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 80, 151) }
```

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

```
.background{ background-color: rgb(172, 80,  
151) }
```

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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