

Converting Colors

HunterLab(15.9679, 41.5766,
-109.7104)

Have a look what the booklet for
HunterLab(15.9679, 41.5766,
-109.7104) contains.

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Color

**HunterLab(15.9858, 41.4223,
-109.3996)**

Conversions

Conversions Part 1

Format	Color
Hex	00049E
RGB	0, 4, 158
RGB Percent	0%, 2%, 62%
CMY	0.9999, 0.9843, 0.3804
CMYK	1.00, 0.97, 0.00, 0.38
HSL	238°, 100%, 31%
HSV	238°, 100%, 62%
XYZ	6.2150, 2.5555, 32.5134
YIQ	20.3600, -51.8180, 47.0460

Conversions

Conversions Part 2

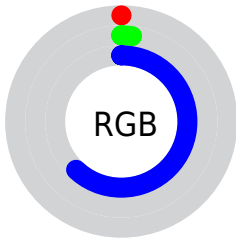
Format	Color
RYB	0, 4, 158
Decimal	1182
CIELab	18.17, 54.16, -74.77
CIELCh	18, 92.328, 305.920
Yxy	2.5554, 0.1505, 0.0619
Android (android.graphics.Color)	4278191262 (0xFF00049E)
YUV	20.3600, 67.8565, -17.8557
Hunter-Lab	15.9858, 41.4223, -109.3996

Details

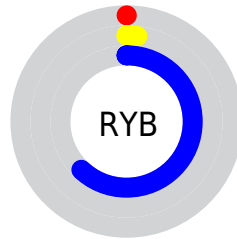
The HunterLab color **15.9858, 41.4223, -109.3996** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **55.1291, -13.3853, 33.7351**, and the grayscale version is **8.2880, -0.4422, 0.4503**.

A 20% lighter version of the original color is **31.8692, 45.4073, -97.9240**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **15.9835, 41.4325, -109.4188**, and if you desaturate by 10%, it is **17.4828, 37.0151, -98.2815**.

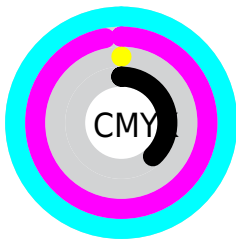
Distribution



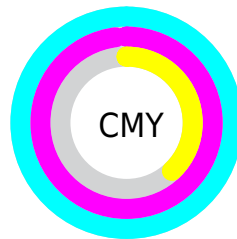
- Red (0%)
- Green (2%)
- Blue (62%)



- Red (0%)
- Yellow (2%)
- Blue (62%)



- Cyan (100%)
- Magenta (97%)
- Yellow (0%)
- Black (38%)



- Cyan (100%)
- Magenta (98%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.9858, 41.4223, -109.3996 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 15.9858, 41.4223, -109.3996 by changing the saturation by 10% instead.

■ 15.9858, 41.4223,
-109.3996

■ 15.9858, 41.4223,
-109.3996

■ 110.7452, 57.0984,
-98.0895

■ 9.5096, 40.0133,
-127.3035

■ 31.9096, 45.3903,
-97.9217

0.0000, INF, -NF

0.0000, NaN, -NF

■ 41.1420, 47.3663,
-96.2035

0.0000, NaN, -NF

■ 51.1250, 49.2495,
-95.5611

0.0000, NaN, -NF

■ 61.8059, 51.0266,
-95.5446

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 73.1416, 52.6961,
-95.9081


0.0000, NaN, NaN


■ 85.0965, 54.2612,


-96.5074

 97.6398, 55.7268,
-97.2537


 15.9858, 41.4223,
-109.3996


 15.9858, 41.4223,
-109.3996


 15.9835, 41.4325,
-109.4188

 17.4828, 37.0151,
-98.2815

 19.8997, 31.1122,
-83.5718

 23.1984, 24.9052,
-67.9434

 27.1723, 19.1995,
-53.5036

 31.6515, 14.2092,
-40.8421

■ 36.5150, 9.8820,
-29.8505

■ 41.6794, 6.0945,
-20.2264

■ 47.0874, 2.7260,
-11.6681

■ 52.6985, -0.3218,
-3.9270

Harmonies

Analogous

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



15.9858, 4.7550, -161.7296



15.9858, 41.4223, -109.3996



15.9858, 77.4547, -34.2854

Triad

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



15.9858, 41.4254, -109.4003



15.9858, 25.7348, 11.1900



15.9858, -27.9751, -4.9874

Complementary

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



15.9858, 41.4223, -109.3996



55.1291, -13.3853, 33.7351

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.



15.9858, -27.9751, 11.1900



15.9858, 41.4223, -109.3996



15.9858, -5.7822, 11.1900

Square

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



15.9858, 41.4254, -109.4003



15.9858, 64.9749, 11.1900



15.9858, -21.3939, 11.1900



15.9858, -27.0106, -61.7913

Rectangle

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



15.9858, 41.4223, -109.3996



15.9858, 88.4720, -2.9811



15.9858, -21.3939, 11.1900



15.9858, -27.9751, 3.9516

Sweetspot

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



15.9858, 41.4254, -109.4003



55.7370, 8.5031, -27.9944



51.7157, -28.5293, -3.0517



25.1352, 4.9710, -15.6645



89.8524, -4.7943, 4.8819



37.4146, -1.9963, 2.0328

Same Dimension

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



15.9858, 41.4254, -109.4003



21.4372, 56.2745, -148.2751



19.7865, 46.3535, -83.9261



25.4177, -0.2563, -1.6192



14.3350, 36.9461, -97.6735



2.0901, 4.2458, -11.7779

Inverse Universe

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



26.9786, 46.2286, 17.1815



36.3484, 62.2789, 23.2452



51.3338, -34.5173, 31.0265



25.7851, 0.8385, 2.0629



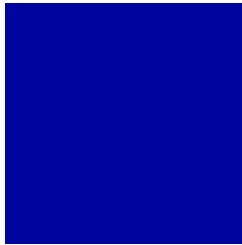
24.1447, 41.3810, 15.3496



3.2394, 5.5735, 1.8919

Previews

White Background



This preview shows how the HunterLab color 15.9858, 41.4223, -109.3996 looks on a white background.

Color Contrast Check

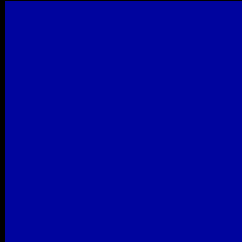
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



This preview shows how the HunterLab color 15.9858, 41.4223, -109.3996 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

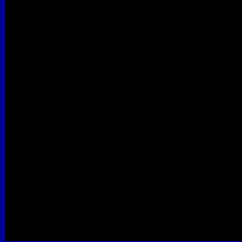
Any Text WCAG AA × Fail

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 15.9858, 41.4223, -109.3996 Background



This preview shows how black text looks on a background with the HunterLab color 15.9858, 41.4223, -109.3996.



This preview shows how white text looks on a background with the HunterLab color 15.9858, 41.4223, -109.3996.

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

15.9858, 41.4223, -109.3996

Protanopia

16.7841, 3.9652, -29.5384

Deuteranopia

16.7506, -1.3800, -17.9577



Tritanopia

16.8277, -8.3724, -2.9596

Trichromacy



Original Color

15.9858, 41.4223, -109.3996

Protanomaly

15.2049, 18.2341, -58.3670

Deuteranomaly

14.8778, 14.2560, -49.3707

Tritanomaly

14.1152, 7.8848, -34.6638

Monochromacy



Original Color

15.9858, 41.4223, -109.3996

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

9.1752, 11.7346, -31.5840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.9858, 41.4223, -109.3996 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(0, 4, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 4, 158)  
}
```

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(0, 4, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 4, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 15.9858, 41.4223, -109.3996 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(0, 4, 158) }
```


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

```
.border{ border-color:rgb(0, 4, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 4, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 4, 158); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 4, 158); box-shadow:4px  
4px 4px 4px rgb(0, 4, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.9858, 41.4223, -109.3996 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 4, 158) }
```

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

```
.background{ background-color: rgb(0, 4,  
158) }
```

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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