

Converting Colors

HunterLab(15.2984, 40.5517,
-106.6612)

Have a look what the booklet for
HunterLab(15.2984, 40.5517,
-106.6612) contains.

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Color

**HunterLab(15.3079, 40.5102,
-106.5835)**

Conversions

Conversions Part 1

Format	Color
Hex	000299
RGB	0, 2, 153
RGB Percent	0%, 1%, 60%
CMY	0.9999, 0.9922, 0.4000
CMYK	1.00, 0.99, 0.00, 0.40
HSL	239°, 100%, 30%
HSV	239°, 100%, 60%
XYZ	5.7715, 2.3433, 30.2851
YIQ	18.6160, -49.6630, 46.5370

Conversions

Conversions Part 2

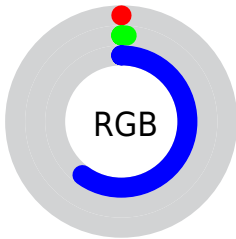
Format	Color
RYB	0, 2, 153
Decimal	665
CIELab	17.19, 53.45, -73.32
CIELCh	17, 90.734, 306.091
Yxy	2.3433, 0.1503, 0.0610
Android (android.graphics.Color)	4278190745 (0xFF000299)
YUV	18.6160, 66.2513, -16.3262
Hunter-Lab	15.3079, 40.5102, -106.5835

Details

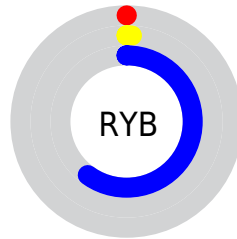
The HunterLab color **15.3079, 40.5102, -106.5835** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **53.7737, -13.7433, 32.8937**, and the grayscale version is **7.7810, -0.4152, 0.4228**.

A 20% lighter version of the original color is **31.0740, 44.6369, -95.1660**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **15.3057, 40.5202, -106.6022**, and if you desaturate by 10%, it is **16.7573, 36.2281, -95.6700**.

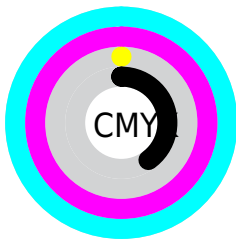
Distribution



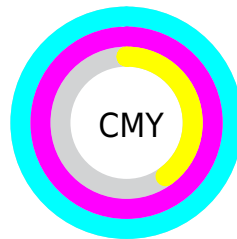
- Red (0%)
- Green (1%)
- Blue (60%)



- Red (0%)
- Yellow (1%)
- Blue (60%)



- Cyan (100%)
- Magenta (99%)
- Yellow (0%)
- Black (40%)













- Cyan (100%)
- Magenta (99%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.3079, 40.5102, -106.5835 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 15.3079, 40.5102, -106.5835 by changing the saturation by 10% instead.

 15.3079, 40.5102, -106.5835	 15.3079, 40.5102, -106.5835
 109.4462, 56.0569, -95.3753	 8.9246, 39.3062, -125.3009
 31.0538, 44.4411, -95.0698	0.0000, INF, -NF
 40.2099, 46.4054, -93.3918	0.0000, NaN, -NF
 50.1224, 48.2767, -92.7844	0.0000, NaN, -NF
 60.7373, 50.0412, -92.7946	0.0000, NaN, NaN
 72.0111, 51.6974, -93.1764	0.0000, NaN, NaN
 83.9071, 53.2485,	0.0000, NaN, NaN

-93.7872

■ 96.3944, 54.6998,
-94.5388

■ 15.3079, 40.5102,
-106.5835

■ 15.3079, 40.5102,
-106.5835

■ 15.3057, 40.5202,
-106.6022

■ 16.7573, 36.2281,
-95.6700

■ 19.0503, 30.6160,
-81.5204

■ 22.2176, 24.6028,
-66.3030

■ 26.0549, 19.0274,
-52.1914

■ 30.3925, 14.1290,
-39.8165

■ 35.1095, 9.8687,
-29.0859

■ 40.1228, 6.1300,
-19.7032

■ 45.3753, 2.7965,
-11.3698

■ 50.8270, -0.2276,
-3.8396

Harmonies

Analogous

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



15.3079, 4.7854, -158.2919



15.3079, 40.5102, -106.5835



15.3079, 75.5970, -33.0771

Triad

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



15.3079, 40.5132, -106.5842



15.3079, 24.7948, 10.7155



15.3079, -26.7887, -5.0395

Complementary

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



15.3079, 40.5102, -106.5835



53.7737, -13.7433, 32.8937

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.



15.3079, -26.7887, 10.7155



15.3079, 40.5102, -106.5835



15.3079, -5.7151, 10.7155

Square

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



15.3079, 40.5132, -106.5842



15.3079, 63.0638, 10.7155



15.3079, -20.9059, 10.7155



15.3079, -26.5628, -60.7583

Rectangle

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



15.3079, 40.5102, -106.5835



15.3079, 86.2397, -2.7300



15.3079, -20.9059, 10.7155



15.3079, -26.7887, 3.7038

Sweetspot

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



15.3079, 40.5132, -106.5842



53.2758, 8.4910, -27.0878



49.9992, -27.0471, -4.1060



23.8049, 4.8674, -14.9287



87.6224, -4.6753, 4.7607



35.4919, -1.8938, 1.9283

Same Dimension

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



15.3079, 40.5132, -106.5842



20.4314, 54.4497, -143.0788



19.3773, 45.0460, -79.4836



24.5732, -0.2142, -1.5800



13.9284, 36.7770, -96.8002



1.7882, 4.1398, -11.1718

Inverse Universe

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



26.0331, 44.5940, 16.6919



34.8340, 59.6703, 22.3841



49.4444, -33.7443, 29.8758



24.9478, 0.7870, 2.0258



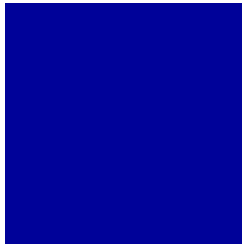
23.6667, 40.5467, 15.1634



2.8989, 4.9769, 1.7771

Previews

White Background



This preview shows how the HunterLab color 15.3079, 40.5102, -106.5835 looks on a white background.

Color Contrast Check

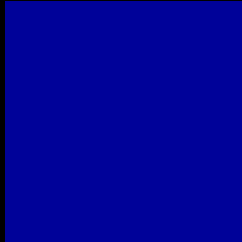
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.3079, 40.5102, -106.5835 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

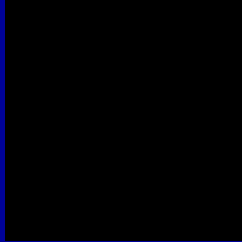
Any Text WCAG AA × Fail

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 15.3079, 40.5102, -106.5835 Background



This preview shows how black text looks on a background with the HunterLab color 15.3079, 40.5102, -106.5835.



This preview shows how white text looks on a background with the HunterLab color 15.3079, 40.5102, -106.5835.

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

15.3079, 40.5102, -106.5835

Protanopia

16.3857, 3.5566, -28.1585

Deuteranopia

16.3659, -1.7196, -16.7437



Tritanopia

16.2296, -8.0582, -2.8903

Trichromacy



Original Color

15.3079, 40.5102, -106.5835

Protanomaly

14.5483, 17.8992, -56.8234

Deuteranomaly

14.2147, 13.9456, -47.8716

Tritanomaly

13.5126, 7.9157, -33.9772

Monochromacy



Original Color

15.3079, 40.5102, -106.5835

Achromatopsia

8.0698, -0.4306, 0.4384

Achromatomaly

8.8508, 11.5142, -30.9795

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.3079, 40.5102, -106.5835 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, 2, 153)` looks like.

```
.text, #text, p{  
    color:rgb(0, 2, 153)  
}
```

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, 2, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 2, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 15.3079, 40.5102, -106.5835 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, 2, 153) }
```


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

```
.border{ border-color:rgb(0, 2, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 2, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 2, 153); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 2, 153); box-shadow:4px  
4px 4px 4px rgb(0, 2, 153) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.3079, 40.5102, -106.5835 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 2, 153) }
```

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

```
.background{ background-color: rgb(0, 2,  
153) }
```

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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