

Converting Colors

HunterLab(15.8407, 42.7293,
-110.7415)

Have a look what the booklet for
HunterLab(15.8407, 42.7293,
-110.7415) contains.

HunterLab(15.8346, 42.7068, -110.6160)	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(15.8346, 42.7068,
-110.6160)**

Conversions

Conversions Part 1

Format	Color
Hex	06009E
RGB	6, 0, 158
RGB Percent	2%, 0%, 62%
CMY	0.9764, 1.0000, 0.3804
CMYK	0.96, 1.00, 0.00, 0.38
HSL	242°, 100%, 31%
HSV	242°, 100%, 62%
XYZ	6.2467, 2.5073, 32.5025
YIQ	19.8060, -47.1420, 50.4100

Conversions

Conversions Part 2

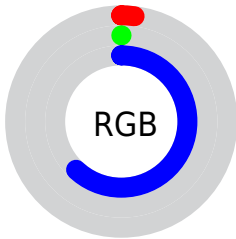
Format	Color
RYB	6, 0, 158
Decimal	393374
CIELab	17.95, 55.43, -75.13
CIELCh	18, 93.364, 306.423
Yxy	2.5075, 0.1514, 0.0608
Android (android.graphics.Color)	4278583454 (0xFF06009E)
YUV	19.8060, 68.1296, -12.1079
Hunter-Lab	15.8346, 42.7068, -110.6160

Details

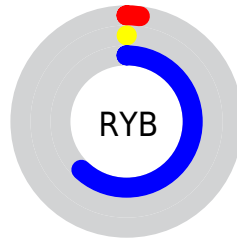
The HunterLab color **15.8346, 42.7068, -110.6160** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **55.7913, -17.1023, 34.0790**, and the grayscale version is **8.1249, -0.4335, 0.4414**.

A 20% lighter version of the original color is **31.7223, 46.7156, -98.5396**, and **10.0991, 27.3938, -71.7585** is the 20% darker color. If you saturate the color by 10%, you get **15.8352, 42.7073, -110.6119**, and if you desaturate by 10%, it is **17.3067, 38.4862, -99.4810**.

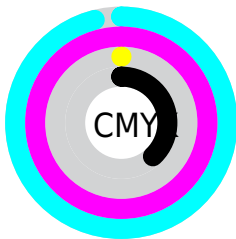
Distribution



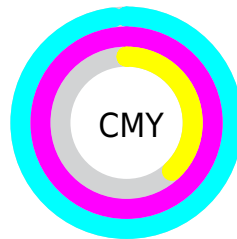
- Red (2%)
- Green (0%)
- Blue (62%)



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



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (38%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.8346, 42.7068, -110.6160 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 15.8346, 42.7068, -110.6160 by changing the saturation by 10% instead.

■ 15.8346, 42.7068,
-110.6160

■ 15.8346, 42.7068,
-110.6160

■ 110.4578, 58.6935,
-98.7204

■ 9.3830, 41.3731,
-129.1475

■ 31.7199, 46.6925,
-98.7416

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.9355, 48.7034,
-96.9484

0.0000, NaN, -NF

■ 50.9030, 50.6270,
-96.2604

0.0000, NaN, -NF

■ 61.5693, 52.4469,
-96.2152

0.0000, NaN, NaN


0.0000, NaN, NaN


■ 72.8914, 54.1601,
-96.5605


0.0000, NaN, NaN


■ 84.8332, 55.7692,


-97.1485

 97.3642, 57.2785,
-97.8880


 15.8346, 42.7068,
-110.6160


 15.8346, 42.7068,
-110.6160

 15.8352, 42.7073,
-110.6119

 17.3067, 38.4862,
-99.4810

 19.6543, 32.9906,
-84.8934

 22.9211, 26.8672,
-69.0800

 26.8936, 21.0501,
-54.3745

 31.3928, 15.8446,
-41.4725

■ 36.2906, 11.2451,
-30.2896

■ 41.4994, 7.1499,
-20.5183

■ 46.9591, 3.4492,
-11.8457

■ 52.6273, 0.0499,
-4.0136

Harmonies

Analogous

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



15.8352, 5.3266, -165.4745



15.8346, 42.7068, -110.6160



15.8352, 79.2051, -33.8362

Triad

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



15.8352, 42.7073, -110.6119



15.8352, 25.4145, 11.0846



15.8352, -27.7115, -5.6442

Complementary

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



15.8346, 42.7068, -110.6160



55.7913, -17.1023, 34.0790

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.



15.8352, -27.7115, 11.0846



15.8346, 42.7068, -110.6160



15.8352, -6.1971, 11.0846

Square

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



15.8352, 42.7073, -110.6119



15.8352, 65.4006, 11.0846



15.8352, -21.6720, 11.0846



15.8352, -27.0907, -64.3615

Rectangle

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



15.8346, 42.7068, -110.6160



15.8352, 90.0817, -2.5033



15.8352, -21.6720, 11.0846



15.8352, -27.7115, 3.6199

Sweetspot

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



15.8352, 42.7073, -110.6119



55.5027, 9.9426, -28.3773



50.1637, -25.4469, -7.7678



25.0120, 5.7343, -15.8808



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.



15.8352, 42.7073, -110.6119



21.2928, 57.5181, -149.4439



20.8945, 47.5968, -78.0818



25.3904, -0.0938, -1.6518



14.1854, 38.2302, -98.8728



1.9778, 5.1744, -12.5773

Inverse Universe

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



30.8793, 60.2202, -36.9336



41.6041, 81.1227, -49.6617



50.8912, -36.3404, 30.7227



25.9812, 1.8919, -0.7286



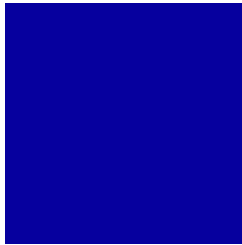
27.6371, 53.9012, -33.0849



3.7119, 7.2642, -4.6362

Previews

White Background



This preview shows how the HunterLab color 15.8346, 42.7068, -110.6160 looks on a white background.

Color Contrast Check

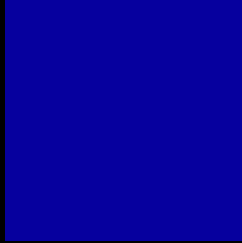
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.8346, 42.7068, -110.6160 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

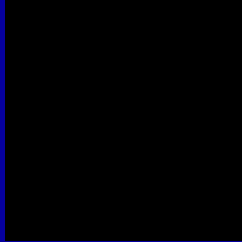
Any Text WCAG AA × Fail

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 15.8346, 42.7068, -110.6160 Background



This preview shows how black text looks on a background with the HunterLab color 15.8346, 42.7068, -110.6160.



This preview shows how white text looks on a background with the HunterLab color 15.8346, 42.7068, -110.6160.

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

15.8346, 42.7068, -110.6160

Protanopia

16.7841, 3.9652, -29.5384

Deuteranopia

16.7506, -1.3800, -17.9577



Tritanopia

16.7989, -8.5432, -2.5549

Trichromacy



Original Color

15.8346, 42.7068, -110.6160

Protanomaly

14.9116, 19.3232, -59.8674

Deuteranomaly

14.5556, 15.3582, -50.8512

Tritanomaly

13.8912, 8.1853, -34.5130

Monochromacy



Original Color

15.8346, 42.7068, -110.6160

Achromatopsia

8.3639, -0.4463, 0.4544

Achromatomaly

9.1192, 12.3536, -31.8374

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.8346, 42.7068, -110.6160 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(6, 0, 158)` looks like.

```
.text, #text, p{  
    color:rgb(6, 0, 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(6, 0, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 0, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 15.8346, 42.7068, -110.6160 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(6, 0, 158) }
```


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

```
.border{ border-color:rgb(6, 0, 158) }
```

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

Here you see how a box with a 4 pixel rgb(6, 0, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 0, 158); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 0, 158); box-shadow:4px  
4px 4px 4px rgb(6, 0, 158) }
```

Background

The CSS property to change the background color of an element to HunterLab 15.8346, 42.7068, -110.6160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(6, 0, 158) }
```

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

```
.background{ background-color: rgb(6, 0,  
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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