

Converting Colors

HunterLab(15.4759, 41.3638,
-105.1977)

Have a look what the booklet for
HunterLab(15.4759, 41.3638,
-105.1977) contains.

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Color

**HunterLab(15.4702, 41.3594,
-105.2442)**

Conversions

Conversions Part 1

Format	Color
Hex	0E0099
RGB	14, 0, 153
RGB Percent	5%, 0%, 60%
CMY	0.9450, 1.0000, 0.4000
CMYK	0.91, 1.00, 0.00, 0.40
HSL	245°, 100%, 30%
HSV	245°, 100%, 60%
XYZ	5.9309, 2.3933, 30.2864
YIQ	21.6280, -40.7690, 50.5510

Conversions

Conversions Part 2

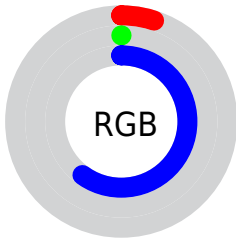
Format	Color
R_{YB}	14, 0, 153
Decimal	917657
CIE _{Lab}	17.43, 54.23, -72.92
CIE _{LCh}	17, 90.872, 306.638
Yxy	2.3934, 0.1536, 0.0620
Android (android.graphics.Color)	4279107737 (0xFF0E0099)
YUV	21.6280, 64.7664, -6.6898
Hunter-Lab	15.4702, 41.3594, -105.2442

Details

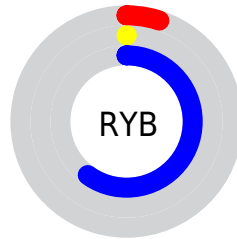
The HunterLab color **15.4702, 41.3594, -105.2442** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **53.1694, -19.0689, 32.4289**, and the grayscale version is **8.6703, -0.4626, 0.4711**.

A 20% lighter version of the original color is **31.3233, 45.1320, -94.0878**, and **9.5922, 26.0188, -68.1565** is the 20% darker color. If you saturate the color by 10%, you get **15.4707, 41.3599, -105.2404**, and if you desaturate by 10%, it is **17.0171, 37.3685, -93.8619**.

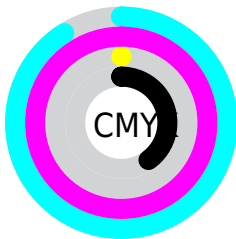
Distribution



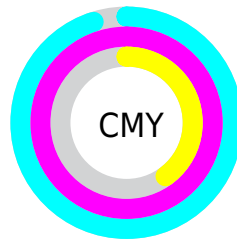
- Red (5%)
- Green (0%)
- Blue (60%)



- Red (5%)
- Yellow (0%)
- Blue (60%)



- Cyan (91%)
- Magenta (100%)
- Yellow (0%)
- Black (40%)



- Cyan (95%)
- Magenta (100%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 15.4702, 41.3594, -105.2442 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 15.4702, 41.3594, -105.2442 by changing the saturation by 10% instead.

■ 15.4702, 41.3594,
-105.2442

■ 15.4702, 41.3594,
-105.2442

■ 109.7595, 57.0818,
-94.6683

■ 9.0692, 40.0955,
-123.1086

■ 31.2598, 45.3091,
-94.1597

0.0000, INF, -NF

0.0000, NaN, -NF

■ 40.4344, 47.2925,
-92.5634

0.0000, NaN, -NF

■ 50.3640, 49.1852,
-92.0055

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 60.9949, 50.9723,
-92.0464

0.0000, NaN, NaN


■ 72.2836, 52.6517,
-92.4476


0.0000, NaN, NaN

■ 84.1939, 54.2264,


-93.0702


 96.6947, 55.7013,
-93.8287


 15.4702, 41.3594,
-105.2442


 15.4702, 41.3594,
-105.2442

 15.4707, 41.3599,
-105.2404

 17.0171, 37.3685,
-93.8619

 19.3584, 32.2977,
-79.8084

 22.5358, 26.6038,
-64.9362

 26.3562, 21.1088,
-51.1852

 30.6598, 16.0995,
-39.1048

■ 35.3320, 11.5909,
-28.5983

■ 40.2934, 7.5080,
-19.3854

■ 45.4894, 3.7622,
-11.1840

■ 50.8810, 0.2762,
-3.7604

Harmonies

Analogous

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



15.4707, 5.3429, -157.9216



15.4702, 41.3594, -105.2442



15.4707, 76.2475, -32.0412

Triad

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



15.4707, 41.3599, -105.2404



15.4707, 24.1999, 10.8295



15.4707, -27.0738, -5.6745

Complementary

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



15.4702, 41.3594, -105.2442



53.1694, -19.0689, 32.4289

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.



15.4707, -27.0738, 10.8295



15.4702, 41.3594, -105.2442



15.4707, -6.1585, 10.8295

Square

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



15.4707, 41.3599, -105.2404



15.4707, 62.5865, 10.8295



15.4707, -21.1874, 10.8295



15.4707, -26.4512, -62.1897

Rectangle

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



15.4702, 41.3594, -105.2442



15.4707, 86.5058, -2.1920



15.4707, -21.1874, 10.8295



15.4707, -27.0738, 3.3640

Sweetspot

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



15.4707, 41.3599, -105.2404



53.5192, 10.3576, -26.6319



45.9666, -21.5541, -10.9252



23.9321, 5.8326, -14.6757



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.



15.4707, 41.3599, -105.2404



20.6147, 55.2830, -141.5585



21.0622, 46.9890, -71.0348



24.6009, 0.0073, -1.5402



14.0900, 37.6198, -95.4698



1.8962, 4.7459, -10.3916

Inverse Universe

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



29.3868, 56.6670, -30.1666



39.3081, 75.7695, -40.1272



48.8510, -36.1993, 29.4680



25.1274, 1.7527, -0.5331



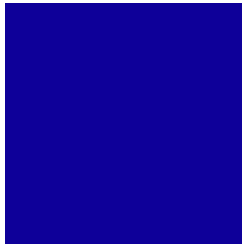
26.7206, 51.5333, -27.4880



3.3047, 6.4320, -3.8534

Previews

White Background



This preview shows how the HunterLab color 15.4702, 41.3594, -105.2442 looks on a white background.

Color Contrast Check

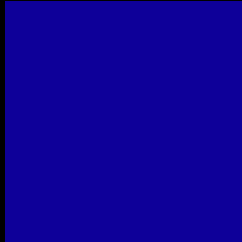
Large Text (above 18pt) WCAG AA ✓ Pass

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 15.4702, 41.3594, -105.2442 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

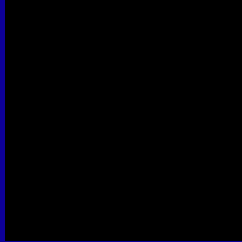
Any Text WCAG AA × Fail

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 15.4702, 41.3594, -105.2442 Background



This preview shows how black text looks on a background with the HunterLab color 15.4702, 41.3594, -105.2442.



This preview shows how white text looks on a background with the HunterLab color 15.4702, 41.3594, -105.2442.

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

15.4702, 41.3594, -105.2442

Protanopia

16.3857, 3.5566, -28.1585

Deuteranopia

16.4106, -1.4724, -17.3334



Tritanopia

16.4995, -8.3854, -2.5211

Trichromacy



Original Color

15.4702, 41.3594, -105.2442

Protanomaly

14.6588, 18.1413, -56.2530

Deuteranomaly

14.4006, 14.5435, -48.1415

Tritanomaly

13.6314, 8.2520, -33.5280

Monochromacy



Original Color

15.4702, 41.3594, -105.2442

Achromatopsia

8.9572, -0.4779, 0.4867

Achromatomaly

9.4590, 12.3400, -30.2751

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 15.4702, 41.3594, -105.2442 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(14, 0, 153)` looks like.

```
.text, #text, p{  
    color:rgb(14, 0, 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(14, 0, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(14, 0, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 15.4702, 41.3594, -105.2442 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(14, 0, 153) }
```


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

```
.border{ border-color:rgb(14, 0, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(14, 0, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(14, 0, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(14, 0, 153);  
box-shadow:4px 4px 4px 4px rgb(14, 0, 153)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 15.4702, 41.3594, -105.2442 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(14, 0, 153) }
```

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

```
.background{ background-color: rgb(14, 0,  
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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