

# Converting Colors

HunterLab(15.0169, 40.4767,  
-104.7122)

Have a look what the booklet for  
HunterLab(15.0169, 40.4767,  
-104.7122) contains.

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# Color

**HunterLab(14.9691, 40.3449,  
-104.3565)**

# Conversions

## Conversions Part 1

Format	Color
Hex	060096
RGB	6, 0, 150
RGB Percent	2%, 0%, 59%
CMY	0.9764, 1.0000, 0.4118
CMYK	0.96, 1.00, 0.00, 0.41
HSL	242°, 100%, 29%
HSV	242°, 100%, 59%
XYZ	5.5801, 2.2407, 28.9927
YIQ	18.8940, -44.5740, 47.9220

# Conversions

## Conversions Part 2

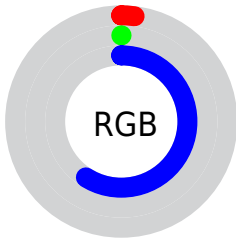
<b>Format</b>	<b>Color</b>
<b>RYB</b>	6, 0, 150
Decimal	393366
CIELab	16.70, 53.37, -72.28
CIELCh	17, 89.850, 306.440
Yxy	2.2409, 0.1516, 0.0609
Android (android.graphics.Color)	4278583446 (0xFF060096)
YUV	18.8940, 64.6353, -11.3080
Hunter-Lab	14.9691, 40.3449, -104.3565

# Details

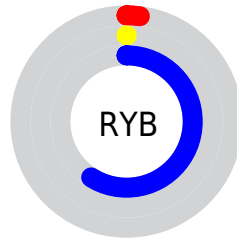
The HunterLab color **14.9691, 40.3449, -104.3565** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **52.6689, -16.2410, 32.1700**, and the grayscale version is **7.8670, -0.4198, 0.4274**.

A 20% lighter version of the original color is **30.6802, 44.1765, -93.1661**, and **9.2901, 25.1995, -66.0104** is the 20% darker color. If you saturate the color by 10%, you get **14.9696, 40.3454, -104.3527**, and if you desaturate by 10%, it is **16.4221, 36.1851, -93.4226**.

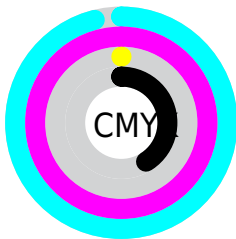
# Distribution



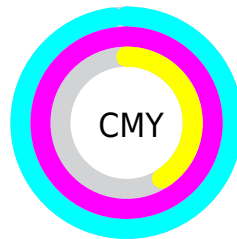
- Red (2%)
- Green (0%)
- Blue (59%)



- Red (2%)
- Yellow (0%)
- Blue (59%)



- Cyan (96%)
- Magenta (100%)
- Yellow (0%)
- Black (41%)



- Cyan (98%)
- Magenta (100%)
- Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.9691, 40.3449, -104.3565 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 14.9691, 40.3449, -104.3565 by changing the saturation by 10% instead.



■ 14.9691, 40.3449,  
-104.3565

■ 14.9691, 40.3449,  
-104.3565

■ 108.7928, 55.8914,  
-93.4654

■ 8.6148, 39.4160,  
-123.5625

■ 30.6250, 44.2596,  
-92.9950

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.7424, 46.2256,  
-91.3748

0.0000, NaN, -NF

■ 49.6191, 48.0995,  
-90.8089

0.0000, NaN, -NF

■ 60.2007, 49.8667,  
-90.8474

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.4429, 51.5255,  
-91.2481


0.0000, NaN, NaN


■ 83.3092, 53.0791,


0.0000, NaN, NaN


-91.8701


 95.7681, 54.5325,  
-92.6275


 14.9691, 40.3449,  
-104.3565


 14.9691, 40.3449,  
-104.3565


 14.9696, 40.3454,  
-104.3527

 16.4221, 36.1851,  
-93.4226

 18.6674, 30.9805,  
-79.5997

 21.7650, 25.2290,  
-64.7488

 25.5164, 19.7768,  
-50.9768

 29.7564, 14.8961,  
-38.8962

■ 34.3669, 10.5782,  
-28.4177

■ 39.2672, 6.7285,  
-19.2535

■ 44.4014, 3.2452,  
-11.1130

■ 49.7304, 0.0425,  
-3.7566

# Harmonies

## Analogous

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



14.9696, 5.0458, -156.1472



14.9691, 40.3449, -104.3565



14.9696, 74.7904, -31.9102

# Triad

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



14.9696, 40.3454, -104.3527



14.9696, 23.9781, 10.4787



14.9696, -26.1968, -5.3476

# Complementary

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



14.9691, 40.3449, -104.3565



52.6689, -16.2410, 32.1700

# 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.



14.9696, -26.1968, 10.4787



14.9691, 40.3449, -104.3565



14.9696, -5.8661, 10.4787

# Square

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



14.9696, 40.3454, -104.3527



14.9696, 61.7274, 10.4787



14.9696, -20.7736, 10.4787



14.9696, -26.1968, -60.7914



# Rectangle

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



14.9691, 40.3449, -104.3565



14.9696, 85.0448, -2.3474



14.9696, -20.7736, 10.4787



14.9696, -26.1968, 3.4093

# Sweetspot

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



14.9696, 40.3454, -104.3527



51.7702, 9.2259, -26.2556



47.3846, -24.0420, -7.3268



23.1921, 5.2326, -14.4669



86.5109, -4.6160, 4.7003



34.5370, -1.8428, 1.8765



# Same Dimension

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



14.9696, 40.3454, -104.3527



19.8401, 53.5630, -139.0100



19.7674, 44.9916, -73.5770



23.7558, -0.0977, -1.5107



13.6454, 36.7518, -94.9297



1.5810, 4.1213, -9.9379



# Inverse Universe

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



29.1496, 56.8249, -34.6927



38.7154, 75.4600, -45.9798



48.0780, -34.2665, 29.0255



24.3006, 1.7331, -0.6534



26.5487, 51.7579, -31.6231

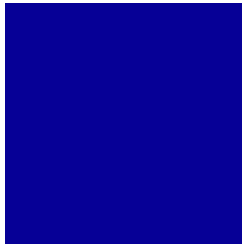


2.9542, 5.7855, -3.7207



# Previews

## White Background



This preview shows how the HunterLab color 14.9691, 40.3449, -104.3565 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

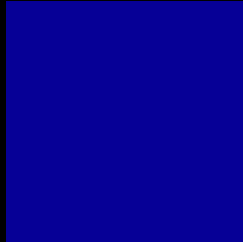
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 14.9691, 40.3449, -104.3565 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

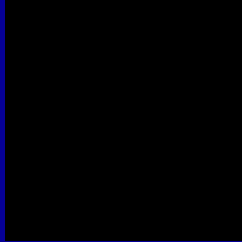
Any Text WCAG AA × Fail

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 14.9691, 40.3449, -104.3565 Background



This preview shows how black text looks on a background with the HunterLab color 14.9691, 40.3449, -104.3565.



This preview shows how white text looks on a background with the HunterLab color 14.9691, 40.3449, -104.3565.



# 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

14.9691, 40.3449, -104.3565

### Protanopia

16.0439, 3.4362, -27.4712

### Deuteranopia

16.0720, -1.5635, -16.7134



**Tritanopia**

15.9319, -7.9018, -2.8557

# Trichromacy



## Original Color

14.9691, 40.3449, -104.3565

## Protanomaly

14.2677, 17.8300, -55.8174

## Deuteranomaly

13.9317, 13.9032, -46.9083

## Tritanomaly

13.2307, 7.9169, -33.0819

# Monochromacy



## Original Color

14.9691, 40.3449, -104.3565

## Achromatopsia

8.0698, -0.4306, 0.4384

## Achromatomaly

8.7267, 11.8446, -30.4932

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 14.9691, 40.3449, -104.3565 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, 150)` looks like.

```
.text, #text, p{  
    color:rgb(6, 0, 150)  
}
```

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, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(6, 0, 150) }
```

## Border

The CSS property to change the border of an element to HunterLab 14.9691, 40.3449, -104.3565 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, 150) }
```



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

```
.border{ border-color:rgb(6, 0, 150) }
```

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, 150) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(6, 0, 150); -webkit-box-shadow:4px  
4px 4px 4px rgb(6, 0, 150); box-shadow:4px  
4px 4px 4px rgb(6, 0, 150) }
```

# Background

The CSS property to change the background color of an element to HunterLab 14.9691, 40.3449, -104.3565 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, 150) }
```

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

```
.background{ background-color: rgb(6, 0,  
150) }
```

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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