

# Converting Colors

HunterLab(14.7935, 37.8501,  
-99.2179)

Have a look what the booklet for  
HunterLab(14.7935, 37.8501,  
-99.2179) contains.

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# Color

**HunterLab(14.7918, 37.8525,  
-99.2251)**

# Conversions

## Conversions Part 1

Format	Color
Hex	040492
RGB	4, 4, 146
RGB Percent	2%, 2%, 57%
CMY	0.9842, 0.9843, 0.4274
CMYK	0.97, 0.97, 0.00, 0.43
HSL	240°, 95%, 29%
HSV	240°, 97%, 57%
XYZ	5.2818, 2.1880, 27.3381
YIQ	20.1880, -45.5820, 44.1620

# Conversions

## Conversions Part 2

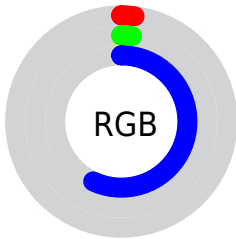
Format	Color
R <sub>Y</sub> B	4, 4, 146
Decimal	263314
CIE Lab	16.44, 50.96, -70.23
CIE LCh	16, 86.774, 305.963
Yxy	2.1880, 0.1517, 0.0629
Android (android.graphics.Color)	4278453394 (0xFF040492)
YUV	20.1880, 62.0253, -14.1969
Hunter-Lab	14.7918, 37.8525, -99.2251

# Details

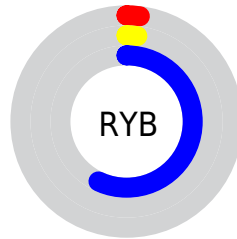
The HunterLab color **14.7918, 37.8525, -99.2251** is a dark color, and the websafe version is hex **000099**. A complement of this color would be **51.6478, -13.8320, 31.4514**, and the grayscale version is **8.2526, -0.4403, 0.4484**.

A 20% lighter version of the original color is **30.2808, 41.7776, -88.8061**, and **8.9897, 24.3846, -63.8758** is the 20% darker color. If you saturate the color by 10%, you get **14.4067, 39.0768, -102.3551**, and if you desaturate by 10%, it is **16.3158, 33.5396, -88.1802**.

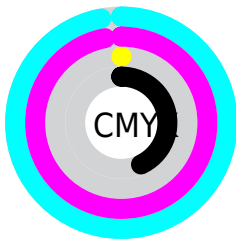
# Distribution



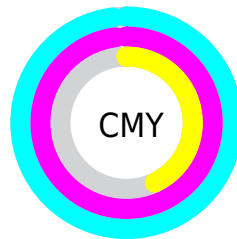
- Red (2%)
- Green (2%)
- Blue (57%)



- Red (2%)
- Yellow (2%)
- Blue (57%)



- Cyan (97%)
- Magenta (97%)
- Yellow (0%)
- Black (43%)



- Cyan (98%)
- Magenta (98%)
- Yellow (43%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 14.7918, 37.8525, -99.2251 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 14.7918, 37.8525, -99.2251 by changing the saturation by 10% instead.



■ 14.7918, 37.8525,  
-99.2251

■ 14.7918, 37.8525,  
-99.2251

■ 108.4478, 52.8149,  
-89.7972

■ 8.4464, 36.9975,  
-117.5801

■ 30.3991, 41.7097,  
-88.7936

0.0000, INF, -NF

0.0000, NaN, -NF

■ 39.4959, 43.6111,  
-87.3817

0.0000, NaN, -NF

■ 49.3536, 45.4124,  
-86.9484

0.0000, NaN, -NF

■ 59.9175, 47.1031,  
-87.0721

0.0000, NaN, NaN

0.0000, NaN, NaN


■ 71.1431, 48.6837,  
-87.5265


0.0000, NaN, NaN


■ 82.9936, 50.1586,


0.0000, NaN, NaN


-88.1806


 95.4375, 51.5336,  
-88.9544


 14.7918, 37.8525,  
-99.2251


 14.7918, 37.8525,  
-99.2251


 14.4067, 39.0768,  
-102.3551

 16.3158, 33.5396,  
-88.1802

 18.7101, 28.0450,  
-74.1550

 21.9002, 22.3720,  
-59.7361

 25.6923, 17.1839,  
-46.6239

 29.9336, 12.6323,  
-35.1981

■ 34.5171, 8.6561,  
-25.2908

■ 39.3697, 5.1426,  
-16.6045

■ 44.4412, 1.9863,  
-8.8612

■ 49.6960, -0.8980,  
-1.8375

# Harmonies

## Analogous

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



14.7918, 4.3826, -146.6547



14.7918, 37.8525, -99.2251



14.7918, 70.6186, -31.1423

# Triad

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



14.7918, 37.8553, -99.2257



14.7918, 23.4527, 10.3542



14.7918, -25.8856, -4.5954

# Complementary

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



14.7918, 37.8525, -99.2251



51.6478, -13.8320, 31.4514

# 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.



14.7918, -25.8856, 10.3542



14.7918, 37.8525, -99.2251



14.7918, -5.3370, 10.3542

# Square

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



14.7918, 37.8553, -99.2257



14.7918, 59.1899, 10.3542



14.7918, -20.0170, 10.3542



14.7918, -25.6953, -56.2860



# Rectangle

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



14.7918, 37.8525, -99.2251



14.7918, 80.6032, -2.6774



14.7918, -20.0170, 10.3542



14.7918, -25.8856, 3.6044

# Sweetspot

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



14.7918, 37.8553, -99.2257



50.7664, 7.8668, -24.6084



47.6014, -25.1146, -4.9797



22.7810, 4.5409, -13.6585



85.4018, -4.5568, 4.6400



33.5864, -1.7921, 1.8248



# Same Dimension

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



14.7918, 37.8553, -99.2257



19.1347, 51.9015, -135.9497



19.1252, 42.4387, -71.7771



23.7340, -0.1727, -1.5404



13.5147, 36.6574, -96.0174



1.4955, 4.0558, -10.6194



# Inverse Universe

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



28.7613, 55.6924, -37.3374



37.9999, 74.7057, -50.0938



46.9706, -32.0268, 28.2376



24.3088, 1.7768, -0.7692



26.8388, 52.7636, -35.3810

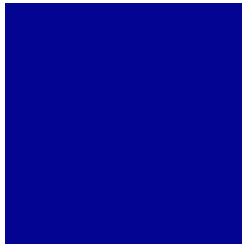


2.9693, 5.8377, -3.9155



# Previews

## White Background



This preview shows how the HunterLab color 14.7918, 37.8525, -99.2251 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

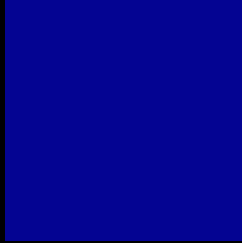
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the HunterLab color 14.7918, 37.8525, -99.2251 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

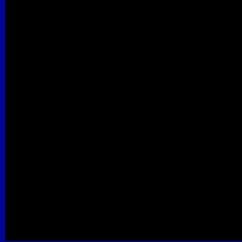
Any Text WCAG AA × Fail

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 14.7918, 37.8525, -99.2251 Background



This preview shows how black text looks on a background with the HunterLab color 14.7918, 37.8525, -99.2251.



This preview shows how white text looks on a background with the HunterLab color 14.7918, 37.8525, -99.2251.



# 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

14.7918, 37.8525, -99.2251

### Protanopia

15.7033, 3.3164, -26.7868

### Deuteranopia

15.7347, -1.6534, -16.0977



## Tritanopia

15.6065, -7.9151, -2.4204

# Trichromacy



## Original Color

14.7918, 37.8525, -99.2251

## Protanomaly

14.1809, 16.2983, -52.6537

## Deuteranomaly

13.8781, 12.3890, -43.8305

## Tritanomaly

13.2893, 6.7786, -30.9719

# Monochromacy



## Original Color

14.7918, 37.8525, -99.2251

## Achromatopsia

8.3639, -0.4463, 0.4544

## Achromatomaly

8.9487, 10.7002, -28.4484

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 14.7918, 37.8525, -99.2251 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(4, 4, 146)` looks like.

```
.text, #text, p{  
    color:rgb(4, 4, 146)  
}
```

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(4, 4, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(4, 4, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 14.7918, 37.8525, -99.2251 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(4, 4, 146) }
```



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

```
.border{ border-color:rgb(4, 4, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(4, 4, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(4, 4, 146); -webkit-box-shadow:4px  
4px 4px 4px rgb(4, 4, 146); box-shadow:4px  
4px 4px 4px rgb(4, 4, 146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 14.7918, 37.8525, -99.2251 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(4, 4, 146) }
```

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

```
.background{ background-color: rgb(4, 4,  
146) }
```

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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