

Converting Colors

HunterLab(37.1119, 82.1360,
-120.0535)

Have a look what the booklet for
HunterLab(37.1119, 82.1360,
-120.0535) contains.

HunterLab(37.1109, 82.1516, -120.1893)	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(37.1109, 82.1516,
-120.1893)**

Conversions

Conversions Part 1

Format	Color
Hex	9A00FA
RGB	154, 0, 250
RGB Percent	60%, 0%, 98%
CMY	0.3961, 1.0000, 0.0196
CMYK	0.38, 1.00, 0.00, 0.02
HSL	277°, 100%, 49%
HSV	277°, 100%, 98%
XYZ	30.5818, 13.7722, 91.4891
YIQ	74.5460, 11.5340, 110.3980

Conversions

Conversions Part 2

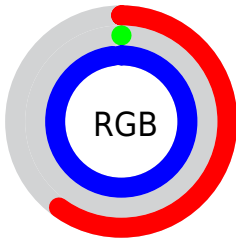
Format	Color
RYB	154, 0, 250
Decimal	10092794
CIELab	43.91, 84.41, -85.44
CIELCh	44, 120.106, 314.652
Yxy	13.7726, 0.2251, 0.1014
Android (android.graphics.Color)	4288282874 (0xFF9A00FA)
YUV	74.5460, 86.4988, 69.6812
Hunter-Lab	37.1109, 82.1516, -120.1893

Details

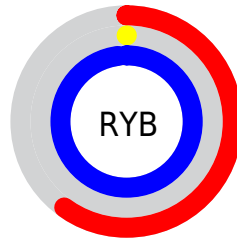
The HunterLab color **37.1109, 82.1516, -120.1893** is a dark color, and the websafe version is hex **9900FF**. The color can be described as middle saturated purple. A complement of this color would be **84.1773, -64.5902, 50.7389**, and the grayscale version is **26.0618, -1.3906, 1.4160**.

A 20% lighter version of the original color is **53.5120, 72.3956, -70.5819**, and **24.5559, 57.5506, -104.2700** is the 20% darker color. If you saturate the color by 10%, you get **37.1115, 82.1524, -120.1872**, and if you desaturate by 10%, it is **39.3038, 80.3232, -110.8087**.

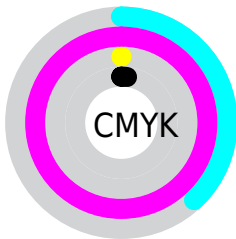
Distribution



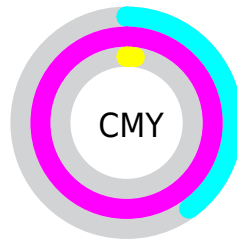
- Red (60%)
- Green (0%)
- Blue (98%)



- Red (60%)
- Yellow (0%)
- Blue (98%)



- Cyan (38%)
- Magenta (100%)
- Yellow (0%)
- Black (2%)



- Cyan (40%)
- Magenta (100%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 37.1109, 82.1516, -120.1893 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 37.1109, 82.1516, -120.1893 by changing the saturation by 10% instead.

37.1109, 82.1516,
-120.1893

37.1109, 82.1516,
-120.1893

146.9053,
103.1500, -120.5789

28.2182, 79.8618,
-124.4599

57.1708, 87.1681,
-116.9500

20.1769, 78.0985,
-132.6409

68.2322, 89.6761,
-116.6526

13.0897, 77.7357,
-149.3662

79.9271, 92.1262,
-116.8184

6.5751, 90.2850,
-206.2123

92.2231, 94.5009,
-117.2866

0.0000, INF, -NF

0.0000, NaN, -NF

105.0919, 96.7924,
-117.9546

0.0000, NaN, -NF

118.5092, 98.9977,

0.0000, NaN, -NF

-118.7546

132.4534,
101.1164, -119.6402

■ 37.1109, 82.1516,
-120.1893

■ 37.1109, 82.1516,
-120.1893

■ 37.1115, 82.1524,
-120.1872

■ 39.3038, 80.3232,
-110.8087

■ 42.5333, 75.2828,
-98.5475

■ 46.8802, 67.4192,
-84.3168

■ 52.2261, 57.8028,
-69.4824

■ 58.4178, 47.3297,
-54.9680

■ 65.3092, 36.5750,
-41.2237

■ 72.7778, 25.8466,
-28.3834

■ 80.7260, 15.2830,
-16.4162

■ 89.0777, 4.9289,
-5.2231

Harmonies

Analogous

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



37.1115, 22.9597, -203.9324



37.1109, 82.1516, -120.1893



37.1115, 126.4335, -27.6092

Triad

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



37.1115, 82.1524, -120.1872



37.1115, 24.2534, 25.9780



37.1115, -54.4708, -25.9498

Complementary

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



37.1109, 82.1516, -120.1893



84.1773, -64.5902, 50.7389

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.



37.1115, -54.3871, 18.0317



37.1109, 82.1516, -120.1893



37.1115, -21.6942, 25.9780

Square

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



37.1115, 82.1524, -120.1872



37.1115, 83.4848, 25.9780



37.1115, -45.7446, 25.9780



37.1115, -46.0844, -117.8040

Rectangle

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



37.1109, 82.1516, -120.1893



37.1115, 132.4634, 8.1796



37.1115, -45.7446, 25.9780



37.1115, -55.2285, -5.4181

Sweetspot

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



37.1115, 82.1524, -120.1872



74.4099, 26.4692, -29.0692



40.0207, 27.2522, -108.8521



32.9041, 14.3814, -15.9613

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



37.1115, 82.1524, -120.1872



37.9428, 84.0063, -122.9846



50.7547, 97.6295, -50.2300



41.4395, 2.0425, -2.1651



27.1859, 60.0232, -86.8233



8.6341, 18.7133, -24.8633

Inverse Universe

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



46.0093, 80.6277, 15.5028



47.0534, 82.4511, 15.9035



82.7295, -70.6377, 49.0818



41.6360, 2.2500, 1.6186



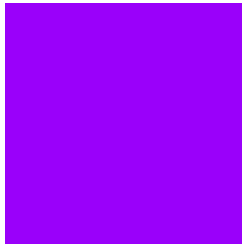
33.5475, 58.8637, 10.7281



10.3070, 18.2709, 1.8555

Previews

White Background



This preview shows how the HunterLab color 37.1109, 82.1516, -120.1893 looks on a white background.

Color Contrast Check

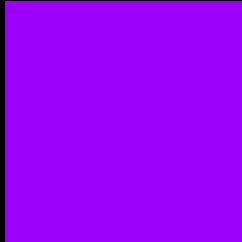
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 37.1109, 82.1516, -120.1893 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

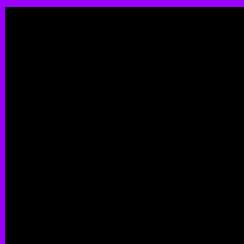
Any Text WCAG AA × Fail

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 37.1109, 82.1516, -120.1893 Background



This preview shows how black text looks on a background with the HunterLab color 37.1109, 82.1516, -120.1893.



This preview shows how white text looks on a background with the HunterLab color 37.1109, 82.1516, -120.1893.

-120.1893.

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

37.1109, 82.1516, -120.1893

Protanopia

37.8244, 12.9084, -75.1426

Deuteranopia

37.6641, 0.5053, -48.1677



Tritanopia

37.5703, 7.2998, 2.1876

Trichromacy



Original Color

37.1109, 82.1516, -120.1893

Protanomaly

31.7999, 41.1708, -113.8358

Deuteranomaly

31.0662, 32.6496, -94.1748

Tritanomaly

33.3888, 38.0536, -36.2012

Monochromacy



Original Color

37.1109, 82.1516, -120.1893

Achromatopsia

26.5255, -1.4153, 1.4412

Achromatomaly

26.3079, 31.4876, -38.2870

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 37.1109, 82.1516, -120.1893 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(154, 0, 250)` looks like.

```
.text, #text, p{  
    color:rgb(154, 0, 250)  
}
```

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(154, 0, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 0, 250) }
```

Border

The CSS property to change the border of an element to HunterLab 37.1109, 82.1516, -120.1893 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(154, 0, 250) }
```


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

```
.border{ border-color:rgb(154, 0, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(154, 0, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 0, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 0, 250);  
box-shadow:4px 4px 4px 4px rgb(154, 0,  
250) }
```

Background

The CSS property to change the background color of an element to HunterLab 37.1109, 82.1516, -120.1893 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 0, 250) }
```

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

```
.background{ background-color: rgb(154, 0,  
250) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor