

Converting Colors

HunterLab(72.1906, -36.9243,
43.4659)

Have a look what the booklet for
HunterLab(72.1906, -36.9243,
43.4659) contains.

HunterLab(72.1906, -36.9243, 43.4659)	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(72.1906,
-36.9243, 43.4659)**

Conversions

Conversions Part 1

Format	Color
Hex	9BD00F
RGB	155, 208, 15
RGB Percent	61%, 82%, 6%
CMY	0.3922, 0.1843, 0.9411
CMYK	0.25, 0.00, 0.93, 0.18
HSL	76°, 87%, 44%
HSV	76°, 93%, 82%
XYZ	36.1597, 52.1148, 8.6053
YIQ	170.1510, 30.3650, -71.2590

Conversions

Conversions Part 2

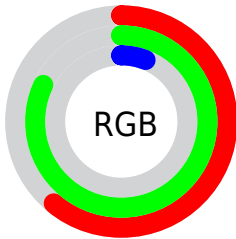
Format	Color
RYB	15, 208, 68
Decimal	10211343
CIELab	77.35, -40.07, 75.12
CIELCh	77, 85.138, 118.078
Yxy	52.1172, 0.3732, 0.5379
Android (android.graphics.Color)	4288401423 (0xFF9BD00F)
YUV	170.1510, -76.4894, -13.2874
Hunter-Lab	72.1906, -36.9243, 43.4659

Details

The HunterLab color **72.1906, -36.9243, 43.4659** is a dark color, and the websafe version is hex **99CC00**. The color can be described as dark washed chartreuse. A complement of this color would be **24.7515, 57.2340, -126.6988**, and the grayscale version is **63.7636, -3.4023, 3.4644**.

A 20% lighter version of the original color is **93.0165, -37.5575, 50.7739**, and **50.3228, -30.1727, 30.4805** is the 20% darker color. If you saturate the color by 10%, you get **71.8898, -38.1677, 43.6299**, and if you desaturate by 10%, it is **72.6551, -34.9843, 42.8069**.

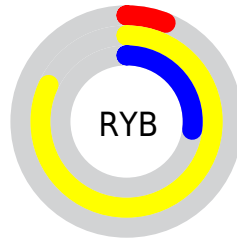
Distribution



Red (61%)

Green (82%)

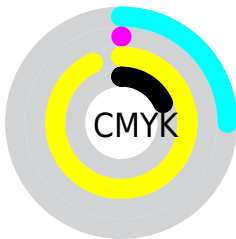
Blue (6%)



Red (6%)

Yellow (82%)

Blue (27%)

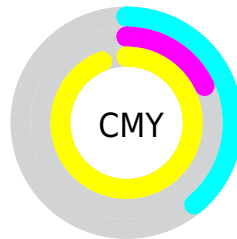


Cyan (25%)

Magenta (0%)

Yellow (93%)

Black (18%)



Cyan (39%)

Magenta (18%)

Yellow (94%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.1906, -36.9243, 43.4659 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 72.1906, -36.9243, 43.4659 by changing the saturation by 10% instead.

■ 72.1906, -36.9243,
43.4659

■ 72.1906, -36.9243,
43.4659

198.7181,
-59.3421, 82.2578

■ 60.9085, -34.1180,
38.3606

■ 96.5940, -42.2660,
53.0658

■ 50.2829, -31.1857,
33.0252

■ 109.6544,
-44.8308, 57.6037

■ 40.3591, -28.0937,
27.5815

■ 123.2556,
-47.3415, 61.9938

■ 31.1907, -24.7894,
21.8335

■ 137.3768,
-49.8070, 66.2535

■ 22.8460, -21.1917,
15.9922

■ 151.9995,
-52.2344, 70.3976

■ 15.4160, -17.1654,
10.7912

■ 167.1072,

■ 9.0210, -15.7867,

-54.6296, 74.4392

6.3147

182.6846,
-56.9975, 78.3893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.1906, -36.9243,
43.4659

■ 72.1906, -36.9243,
43.4659

■ 71.8898, -38.1677,
43.6299

■ 72.6551, -34.9843,
42.8069

■ 73.1839, -32.7010,
41.4271

■ 73.7850, -30.0451,
39.2352

■ 74.4631, -26.9971,
36.1667

■ 75.2218, -23.5459,

32.1773

■ 76.0636, -19.6875,
27.2391

■ 76.9902, -15.4235,
21.3386

■ 78.0027, -10.7605,
14.4744

■ 79.1016, -5.7089,
6.6554

Harmonies

Analogous

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



72.1922, -1.2304, 45.6548



72.1906, -36.9243, 43.4659



72.1922, -58.7034, 33.1174

Triad

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



72.1922, -36.9262, 43.4663



72.1922, -40.5372, -91.2458



72.1922, 91.4369, 1.4055

Complementary

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



72.1906, -36.9243, 43.4659



24.7515, 57.2340, -126.6988

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.



72.1922, 74.6937, -47.1338



72.1906, -36.9243, 43.4659



72.1922, -6.4443, -115.9510

Square

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



72.1922, -36.9262, 43.4663



72.1922, -60.4429, -40.2673



72.1922, 36.5032, -96.5164



72.1922, 78.3429, 30.7925

Rectangle

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



72.1906, -36.9243, 43.4659



72.1922, -65.2639, 17.5987



72.1922, 36.5032, -96.5164



72.1922, 89.0487, -13.0783

Sweetspot

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



72.1922, -36.9262, 43.4663



96.2769, -22.4624, 31.1411



41.7111, 47.1577, 25.8843



44.3124, -11.4486, 15.8409

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.1922, -36.9262, 43.4663



90.4597, -48.2790, 54.8956



67.9050, -54.4052, 40.4950



36.9156, -4.2879, 5.6282



56.7972, -29.9567, 34.4737



13.5721, -6.5263, 8.2488

Inverse Universe

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



24.7515, 57.2340, -126.6988



29.1951, 74.7269, -172.8335



35.6095, 71.3018, -76.1727



34.0185, 0.6215, -2.1092



18.5052, 47.0284, -106.9371



4.8090, 11.5356, -22.4737

Previews

White Background



This preview shows how the HunterLab color 72.1906, -36.9243, 43.4659 looks on a white background.

Color Contrast Check

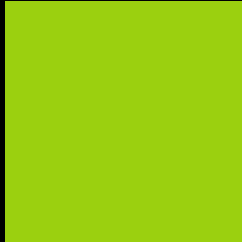
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the HunterLab color 72.1906, -36.9243, 43.4659 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

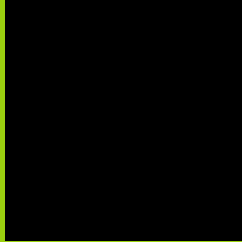
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 72.1906, -36.9243, 43.4659 Background



This preview shows how black text looks on a background with the HunterLab color 72.1906, -36.9243, 43.4659.



This preview shows how white text looks on a background with the HunterLab color 72.1906, -36.9243, 43.4659.

-36.9243, 43.4659.

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

72.1906, -36.9243, 43.4659

Protanopia

71.9087, -10.0277, 44.1343

Deuteranopia

71.9257, 5.3123, 42.6840



Tritanopia

71.9319, -6.6836, -5.5130

Trichromacy



Original Color

72.1906, -36.9243, 43.4659

Protanomaly

71.6107, -20.6626, 43.6456

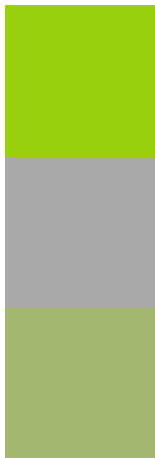
Deuteranomaly

71.3591, -11.8486, 42.6283

Tritanomaly

71.0202, -21.9462, 23.3047

Monochromacy



Original Color

72.1906, -36.9243, 43.4659

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

65.9509, -18.8040, 25.9977

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.1906, -36.9243, 43.4659 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(155, 208, 15)` looks like.

```
.text, #text, p{  
    color:rgb(155, 208, 15)  
}
```

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(155, 208, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 208, 15) }
```

Border

The CSS property to change the border of an element to HunterLab 72.1906, -36.9243, 43.4659 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(155, 208, 15) }
```


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

```
.border{ border-color:rgb(155, 208, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 208, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 208, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 208, 15);  
box-shadow:4px 4px 4px 4px rgb(155, 208,  
15) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.1906, -36.9243, 43.4659 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 208, 15) }
```

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

```
.background{ background-color: rgb(155,  
208, 15) }
```

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