

Converting Colors

HunterLab(67.0278, -37.3212,
43.4736)

Have a look what the booklet for
HunterLab(67.0278, -37.3212,
43.4736) contains.

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Color

**HunterLab(67.1232,
-36.2108, 40.7271)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | 8CC400 |
| RGB | 140, 196, 0 |
| RGB Percent | 55%, 77%, 0% |
| CMY | 0.4510, 0.2314, 0.9999 |
| CMYK | 0.29, 0.00, 1.00, 0.23 |
| HSL | 77°, 100%, 38% |
| HSV | 77°, 100%, 77% |
| XYZ | 30.5551, 45.0552, 7.0861 |
| YIQ | 156.9120, 29.5400, -72.8280 |

Conversions

Conversions Part 2

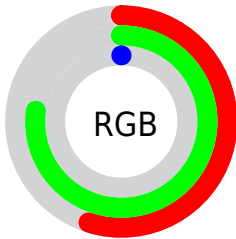
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 0, 196, 56 |
| Decimal | 9225216 |
| CIELab | 72.93, -40.79, 72.88 |
| CIELCh | 73, 83.517, 119.239 |
| Yxy | 45.0572, 0.3695, 0.5448 |
| Android (android.graphics.Color) | 4287415296 (0xFF8CC400) |
| YUV | 156.9120, -77.3576, -14.8318 |
| Hunter-Lab | 67.1232, -36.2108, 40.7271 |

Details

The HunterLab color **67.1232, -36.2108, 40.7271** 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 **21.9720, 55.7618, -126.4165**, and the grayscale version is **58.3285, -3.1123, 3.1691**.

A 20% lighter version of the original color is **91.0222, -41.8229, 50.2846**, and **46.0272, -29.1998, 27.8505** is the 20% darker color. If you saturate the color by 10%, you get **67.1243, -36.2142, 40.7277**, and if you desaturate by 10%, it is **67.5318, -34.5314, 40.4426**.

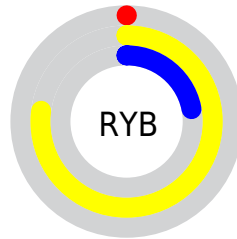
Distribution



Red (55%)

Green (77%)

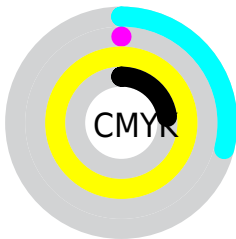
Blue (0%)



Red (0%)

Yellow (77%)

Blue (22%)

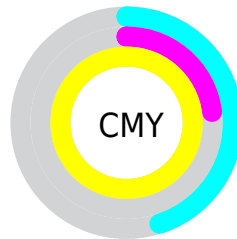


Cyan (29%)

Magenta (0%)

Yellow (100%)

Black (23%)



Cyan (45%)

Magenta (23%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.1232, -36.2108, 40.7271 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 67.1232, -36.2108, 40.7271 by changing the saturation by 10% instead.

67.1232, -36.2108,
40.7271

67.1232, -36.2108,
40.7271

191.5738,
-59.1269, 78.9992

56.1271, -33.3089,
35.6579

90.9980, -41.7062,
50.2349

45.8059, -30.2634,
30.3529

103.8121,
-44.3349, 54.7189

36.2087, -27.0329,
25.2155

117.1768,
-46.9030, 59.0514

27.3949, -23.5528,
19.1764

131.0705,
-49.4207, 63.2507

19.4416, -19.7205,
13.6091

145.4737,
-51.8959, 67.3325

12.4545, -16.5693,
8.7181

160.3689,

5.6949, -9.9661,

-54.3352, 71.3103

3.9864

175.7404,
-56.7441, 75.1959

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.1232, -36.2108,
40.7271

■ 67.1232, -36.2108,
40.7271

■ 67.1243, -36.2142,
40.7277

■ 67.5318, -34.5314,
40.4426

■ 67.9914, -32.5835,
39.6349

■ 68.5157, -30.3033,
38.1289

■ 69.1098, -27.6661,
35.8489

■ 69.7778, -24.6569,

32.7418

■ 70.5226, -21.2681,
28.7722

■ 71.3462, -17.4983,
23.9192

■ 72.2500, -13.3511,
18.1744

■ 73.2347, -8.8342,
11.5402

Harmonies

Analogous

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



67.1247, -2.5936, 42.8960



67.1232, -36.2108, 40.7271



67.1247, -56.3219, 30.7179

Triad

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



67.1247, -36.2125, 40.7274



67.1247, -37.5722, -90.1190



67.1247, 88.2395, 2.7064

Complementary

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



67.1232, -36.2108, 40.7271



21.9720, 55.7618, -126.4165

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.



67.1247, 73.1033, -43.5897



67.1232, -36.2108, 40.7271



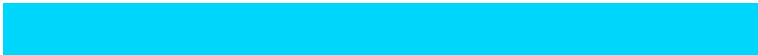
67.1247, -4.5710, -112.7157

Square

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



67.1247, -36.2125, 40.7274



67.1247, -56.9727, -40.9525



67.1247, 36.7811, -92.1560



67.1247, 74.5003, 29.8553

Rectangle

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



67.1232, -36.2108, 40.7271



67.1247, -62.1780, 15.5761



67.1247, 36.7811, -92.1560



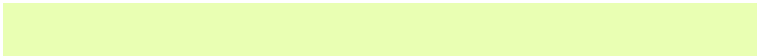
67.1247, 86.3137, -10.9578

Sweetspot

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



67.1247, -36.2125, 40.7274



95.9695, -23.8071, 32.5349



38.1068, 46.4772, 24.2939



44.1752, -12.0436, 16.4026

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.1247, -36.2125, 40.7274



90.2668, -49.0435, 54.7634



63.2332, -52.1798, 38.0499



34.0721, -3.9688, 5.1567



53.8470, -28.8609, 32.6750



11.3416, -5.4142, 6.8938

Inverse Universe

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



21.9720, 55.7618, -126.4165



29.3792, 74.8873, -171.5128



32.8805, 68.4268, -72.7171



31.4392, 0.5802, -1.8987



17.7189, 44.7965, -100.5829



4.1446, 9.7674, -18.0162

Previews

White Background



This preview shows how the HunterLab color 67.1232, -36.2108, 40.7271 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 67.1232, -36.2108, 40.7271 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 67.1232, -36.2108, 40.7271 Background



This preview shows how black text looks on a background with the HunterLab color 67.1232, -36.2108, 40.7271.



This preview shows how white text looks on a background with the HunterLab color 67.1232, -36.2108, 40.7271.

-36.2108, 40.7271.

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

67.1232, -36.2108, 40.7271

Protanopia

66.8264, -9.5480, 41.0110

Deuteranopia

66.7211, 5.1608, 39.6483



Tritanopia

66.9001, -7.9300, -5.7298

Trichromacy



Original Color

67.1232, -36.2108, 40.7271

Protanomaly

66.5444, -20.0484, 40.6534

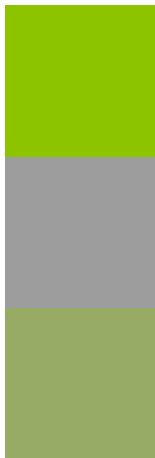
Deuteranomaly

66.1630, -11.8276, 39.7879

Tritanomaly

66.0308, -23.0082, 22.8637

Monochromacy



Original Color

67.1232, -36.2108, 40.7271

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

60.5188, -18.5271, 25.1552

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.1232, -36.2108, 40.7271 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(140, 196, 0)` looks like.

```
.text, #text, p{  
    color:rgb(140, 196, 0)  
}
```

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(140, 196, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(140, 196, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 67.1232, -36.2108, 40.7271 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(140, 196, 0) }
```


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

```
.border{ border-color:rgb(140, 196, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(140, 196, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(140, 196, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(140, 196, 0);  
box-shadow:4px 4px 4px 4px rgb(140, 196,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.1232, -36.2108, 40.7271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(140, 196, 0) }
```

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

```
.background{ background-color: rgb(140,  
196, 0) }
```

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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