

Converting Colors

HunterLab(67.7034, -39.1245,
41.0330)

Have a look what the booklet for
HunterLab(67.7034, -39.1245,
41.0330) contains.

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Color

**HunterLab(67.7004,
-39.1232, 41.0317)**

Conversions

Conversions Part 1

Format	Color
Hex	85C700
RGB	133, 199, 0
RGB Percent	52%, 78%, 0%
CMY	0.4784, 0.2196, 0.9999
CMYK	0.33, 0.00, 1.00, 0.22
HSL	80°, 100%, 39%
HSV	80°, 100%, 78%
XYZ	30.0963, 45.8334, 7.2606
YIQ	156.5800, 24.5430, -75.8810

Conversions

Conversions Part 2

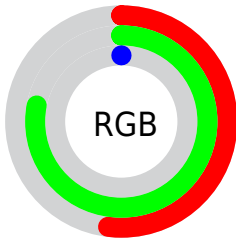
Format	Color
RYB	0, 199, 66
Decimal	8767232
CIELab	73.44, -44.71, 73.10
CIELCh	73, 85.688, 121.452
Yxy	45.8355, 0.3618, 0.5509
Android (android.graphics.Color)	4286957312 (0xFF85C700)
YUV	156.5800, -77.1939, -20.6797
Hunter-Lab	67.7004, -39.1232, 41.0317

Details

The HunterLab color $67.7004, -39.1232, 41.0317$ 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 $22.9860, 57.2978, -124.2123$, and the grayscale version is $58.1942, -3.1051, 3.1618$.

A 20% lighter version of the original color is $91.2171, -44.6269, 50.2376$, and $46.6333, -31.7442, 28.1795$ is the 20% darker color. If you saturate the color by 10%, you get $67.7014, -39.1270, 41.0323$, and if you desaturate by 10%, it is $68.1469, -37.2765, 40.7664$.

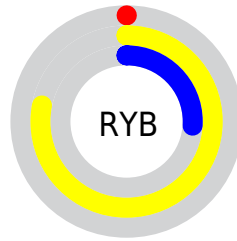
Distribution



Red (52%)

Green (78%)

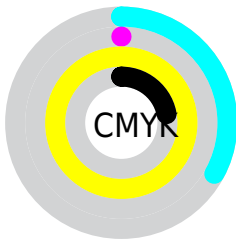
Blue (0%)



Red (0%)

Yellow (78%)

Blue (26%)

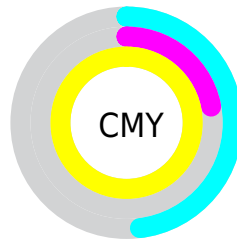


Cyan (33%)

Magenta (0%)

Yellow (100%)

Black (22%)



Cyan (48%)

Magenta (22%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7004, -39.1232, 41.0317 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 67.7004, -39.1232, 41.0317 by changing the saturation by 10% instead.

67.7004, -39.1232,
41.0317

67.7004, -39.1232,
41.0317

192.3920,
-63.6737, 79.3474

56.6710, -35.9870,
35.9606

91.6366, -45.0444,
50.5459

46.3143, -32.6891,
30.6542

104.4793,
-47.8689, 55.0342

36.6789, -29.1839,
25.4723

117.8715,
-50.6235, 59.3715

27.8236, -25.4009,
19.4765

131.7916,
-53.3195, 63.5759

19.8242, -21.2291,
13.8769

146.2202,
-55.9658, 67.6632

12.7847, -17.8693,
8.9493

161.1400,

6.1699, -10.7974,

-58.5697, 71.6467

4.3189

176.5354,
-61.1373, 75.5381

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7004, -39.1232,
41.0317

■ 67.7004, -39.1232,
41.0317

■ 67.7014, -39.1270,
41.0323

■ 68.1469, -37.2765,
40.7664

■ 68.6516, -35.1318,
39.9674

■ 69.2282, -32.6251,
38.4581

■ 69.8820, -29.7328,
36.1626

■ 70.6169, -26.4417,

33.0287

■ 71.4357, -22.7466,
29.0228

■ 72.3403, -18.6487,
24.1266

■ 73.3317, -14.1547,
18.3346

■ 74.4104, -9.2755,
11.6528

Harmonies

Analogous

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



67.7019, -5.5461, 43.5529



67.7004, -39.1232, 41.0317



67.7019, -58.6145, 30.0764

Triad

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



67.7019, -39.1248, 41.0320



67.7019, -36.4683, -96.6393



67.7019, 91.2246, 5.5058

Complementary

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



67.7004, -39.1232, 41.0317



22.9860, 57.2978, -124.2123

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.



67.7019, 77.6548, -41.1987



67.7004, -39.1232, 41.0317



67.7019, -1.6641, -117.1037

Square

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



67.7019, -39.1248, 41.0320



67.7019, -57.3486, -46.4203



67.7019, 41.1628, -92.5890



67.7019, 74.8949, 31.7448

Rectangle

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



67.7004, -39.1232, 41.0317



67.7019, -63.9288, 13.6449



67.7019, 41.1628, -92.5890



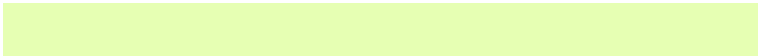
67.7019, 89.9929, -8.0634

Sweetspot

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



67.7019, -39.1248, 41.0320



95.6636, -24.9327, 32.2429



39.6253, 44.7774, 25.1998



44.0160, -12.6335, 16.2558

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7019, -39.1248, 41.0320



89.5053, -52.0798, 54.2410



64.2130, -53.5247, 38.6301



34.9771, -4.2116, 5.2691



54.3330, -31.1927, 32.9336



11.9838, -6.1489, 7.2767

Inverse Universe

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



22.9860, 57.2978, -124.2123



30.2193, 75.6427, -165.6744



34.4394, 70.9480, -70.5627



32.3350, 0.7294, -1.9147



18.5461, 46.0572, -98.8402



4.5009, 10.4973, -18.7142

Previews

White Background



This preview shows how the HunterLab color 67.7004, -39.1232, 41.0317 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 67.7004, -39.1232, 41.0317 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

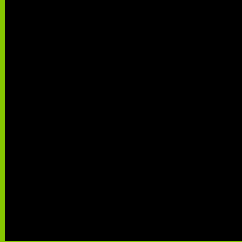
Any Text WCAG AA ✓ Pass

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 67.7004, -39.1232, 41.0317 Background



This preview shows how black text looks on a background with the HunterLab color 67.7004, -39.1232, 41.0317.



This preview shows how white text looks on a background with the HunterLab color 67.7004, -39.1232, 41.0317.

-39.1232, 41.0317.

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

67.7004, -39.1232, 41.0317

Protanopia

67.3343, -9.2788, 41.3286

Deuteranopia

67.1254, 5.0896, 39.8318



Tritanopia

67.5576, -10.1309, -6.5050

Trichromacy



Original Color

67.7004, -39.1232, 41.0317

Protanomaly

67.0862, -21.2667, 40.9659

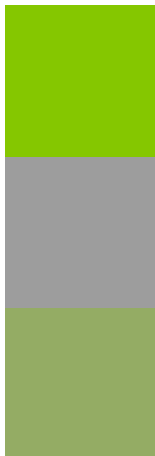
Deuteranomaly

66.5734, -13.4711, 40.0168

Tritanomaly

66.6860, -25.4288, 22.7946

Monochromacy



Original Color

67.7004, -39.1232, 41.0317

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

60.5979, -19.8404, 25.1964

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7004, -39.1232, 41.0317 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(133, 199, 0)` looks like.

```
.text, #text, p{  
    color:rgb(133, 199, 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(133, 199, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 199, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7004, -39.1232, 41.0317 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(133, 199, 0) }
```


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

```
.border{ border-color:rgb(133, 199, 0) }
```

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

Here you see how a box with a 4 pixel rgb(133, 199, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 199, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 199, 0);  
box-shadow:4px 4px 4px 4px rgb(133, 199,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7004, -39.1232, 41.0317 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 199, 0) }
```

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

```
.background{ background-color: rgb(133,  
199, 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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