

Converting Colors

HunterLab(67.9761, -37.7617,
40.4789)

Have a look what the booklet for
HunterLab(67.9761, -37.7617,
40.4789) contains.

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Color

**HunterLab(67.9935,
-37.8557, 40.4810)**

Conversions

Conversions Part 1

Format	Color
Hex	89C718
RGB	137, 199, 24
RGB Percent	54%, 78%, 9%
CMY	0.4627, 0.2196, 0.9058
CMYK	0.31, 0.00, 0.88, 0.22
HSL	81°, 78%, 44%
HSV	81°, 88%, 78%
XYZ	30.9048, 46.2312, 8.1588
YIQ	160.5120, 19.2230, -67.5690

Conversions

Conversions Part 2

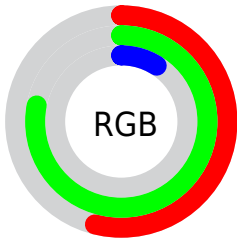
Format	Color
R _Y B	24, 199, 86
Decimal	9029400
CIE Lab	73.70, -42.80, 70.33
CIE LCh	74, 82.327, 121.323
Yxy	46.2332, 0.3623, 0.5420
Android (android.graphics.Color)	4287219480 (0xFF89C718)
YUV	160.5120, -67.3004, -20.6200
Hunter-Lab	67.9935, -37.8557, 40.4810

Details

The HunterLab color **67.9935, -37.8557, 40.4810** 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 **25.9937, 53.9150, -106.2903**, and the grayscale version is **59.7622, -3.1888, 3.2470**.

A 20% lighter version of the original color is **91.5753, -43.0871, 49.4113**, and **46.8575, -30.8262, 28.3337** is the 20% darker color. If you saturate the color by 10%, you get **67.5275, -39.8106, 40.8095**, and if you desaturate by 10%, it is **68.5302, -35.5675, 39.5512**.

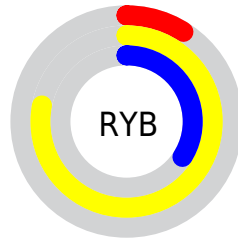
Distribution



Red (54%)

Green (78%)

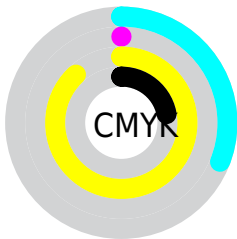
Blue (9%)



Red (9%)

Yellow (78%)

Blue (34%)

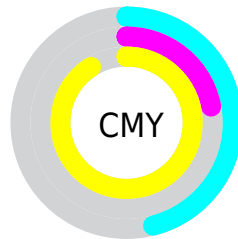


Cyan (31%)

Magenta (0%)

Yellow (88%)

Black (22%)



Cyan (46%)

Magenta (22%)

Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.9935, -37.8557, 40.4810 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 67.9935, -37.8557, 40.4810 by changing the saturation by 10% instead.

67.9935, -37.8557,
40.4810

67.9935, -37.8557,
40.4810

192.8070,
-61.5813, 77.4725

56.9472, -34.8408,
35.5859

91.9608, -43.5589,
49.6582

46.5726, -31.6749,
30.4559

104.8180,
-46.2841, 53.9875

36.9179, -28.3152,
25.2799

118.2241,
-48.9445, 58.1725

28.0416, -24.6957,
19.6291

132.1575,
-51.5508, 62.2308

20.0190, -20.7120,
14.0133

146.5990,
-54.1113, 66.1778

12.9531, -17.2050,
9.0672

161.5312,

6.3972, -11.1950,

-56.6329, 70.0266

4.4780

176.9387,
-59.1213, 73.7883

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.9935, -37.8557,
40.4810

■ 67.9935, -37.8557,
40.4810

■ 67.5275, -39.8106,
40.8095

■ 68.5302, -35.5675,
39.5512

■ 67.4361, -40.1912,
40.8502

■ 69.1419, -32.8970,
37.8935

■ 69.8349, -29.8254,
35.4386

■ 70.6129, -26.3427,
32.1397

■ 71.4783, -22.4461,

27.9676

■ 72.4327, -18.1399,
22.9086

■ 73.4770, -13.4329,
16.9613

■ 74.6111, -8.3387,
10.1351

■ 75.8348, -2.8739,
2.4486

Harmonies

Analogous

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



67.9950, -5.3243, 43.1030



67.9935, -37.8557, 40.4810



67.9950, -56.9592, 29.4797

Triad

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



67.9950, -37.8573, 40.4813



67.9950, -35.5050, -90.9992



67.9950, 86.8389, 5.2994

Complementary

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



67.9935, -37.8557, 40.4810



25.9937, 53.9150, -106.2903

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.



67.9950, 73.8529, -39.2652



67.9935, -37.8557, 40.4810



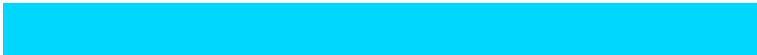
67.9950, -1.9224, -110.2985

Square

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



67.9950, -37.8573, 40.4813



67.9950, -55.8276, -43.7578



67.9950, 39.0756, -87.5458



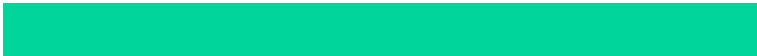
67.9950, 71.4669, 30.9893

Rectangle

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



67.9935, -37.8557, 40.4810



67.9950, -62.2226, 13.4509



67.9950, 39.0756, -87.5458



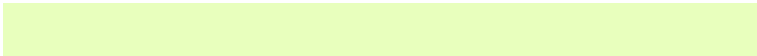
67.9950, 85.6292, -7.7475

Sweetspot

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



67.9950, -37.8573, 40.4813



96.0493, -23.0701, 29.1678



43.2974, 35.4929, 26.1168



44.2222, -11.6416, 14.6747

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.9950, -37.8573, 40.4813



89.1524, -53.4974, 53.9987



64.4978, -52.2130, 38.0342



34.9596, -4.2734, 5.2491



54.1215, -32.0402, 32.7885



11.9433, -6.3088, 7.2490

Inverse Universe

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



25.9937, 53.9150, -106.2903



30.6781, 76.0712, -162.6082



36.9241, 69.8510, -62.7909



32.3531, 0.7910, -1.8902



18.8305, 46.3283, -96.9824



4.5659, 10.5689, -18.3642

Previews

White Background



This preview shows how the HunterLab color 67.9935, -37.8557, 40.4810 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 67.9935, -37.8557, 40.4810 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

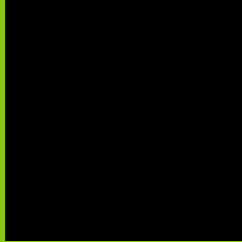
Any Text WCAG AA ✓ Pass

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 67.9935, -37.8557, 40.4810 Background



This preview shows how black text looks on a background with the HunterLab color 67.9935, -37.8557, 40.4810.



This preview shows how white text looks on a background with the HunterLab color 67.9935,

-37.8557, 40.4810.

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

67.9935, -37.8557, 40.4810

Protanopia

67.6644, -9.5848, 41.0620

Deuteranopia

67.5563, 5.1587, 39.6269



Tritanopia

67.7761, -9.3513, -6.2022

Trichromacy



Original Color

67.9935, -37.8557, 40.4810

Protanomaly

67.5283, -21.1642, 40.6590

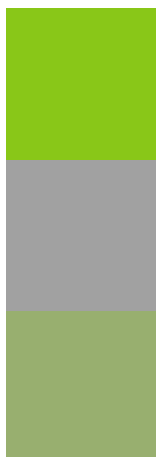
Deuteranomaly

66.8211, -12.4729, 39.4035

Tritanomaly

67.0776, -23.5773, 20.3318

Monochromacy



Original Color

67.9935, -37.8557, 40.4810

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

62.0347, -18.9345, 23.5205

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.9935, -37.8557, 40.4810 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(137, 199, 24)` looks like.

```
.text, #text, p{  
    color:rgb(137, 199, 24)  
}
```

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(137, 199, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 199, 24) }
```

Border

The CSS property to change the border of an element to HunterLab 67.9935, -37.8557, 40.4810 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(137, 199, 24) }
```


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

```
.border{ border-color:rgb(137, 199, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(137, 199, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 199, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 199, 24);  
box-shadow:4px 4px 4px 4px rgb(137, 199,  
24) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.9935, -37.8557, 40.4810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 199, 24) }
```

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

```
.background{ background-color: rgb(137,  
199, 24) }
```

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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