

Converting Colors

HunterLab(70.5271, -2.6797,
-42.6045)

Have a look what the booklet for
HunterLab(70.5271, -2.6797,
-42.6045) contains.

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Color

**HunterLab(70.0239, -4.9343,
-37.0434)**

Conversions

Conversions Part 1

Format	Color
Hex	85BEFF
RGB	133, 190, 255
RGB Percent	52%, 75%, 100%
CMY	0.4784, 0.2549, 0.0000
CMYK	0.48, 0.25, 0.00, 0.00
HSL	212°, 100%, 76%
HSV	212°, 48%, 100%
XYZ	46.1363, 49.0335, 101.6405
YIQ	180.3670, -54.8370, 8.1310

Conversions

Conversions Part 2

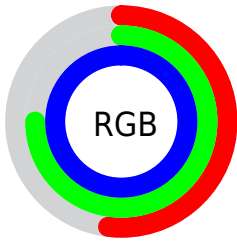
Format	Color
RYB	133, 172, 255
Decimal	8765183
CIELab	75.47, -1.33, -37.75
CIELCh	75, 37.774, 267.988
Yxy	49.0352, 0.2344, 0.2491
Android (android.graphics.Color)	4286955263 (0xFF85BEFF)
YUV	180.3670, 36.7941, -41.5409
Hunter-Lab	70.0239, -4.9343, -37.0434

Details

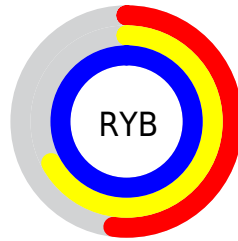
The HunterLab color **70.0239, -4.9343, -37.0434** is a light color, and the websafe version is hex **99CCFF**. A complement of this color would be **79.5883, 8.0017, 32.6497**, and the grayscale version is **67.5805, -3.6059, 3.6718**.

A 20% lighter version of the original color is **91.7649, -19.5786, -4.9245**, and **48.3987, -3.6967, -35.6903** is the 20% darker color. If you saturate the color by 10%, you get **64.4916, -2.7527, -47.2859**, and if you desaturate by 10%, it is **75.8493, -6.2540, -27.3247**.

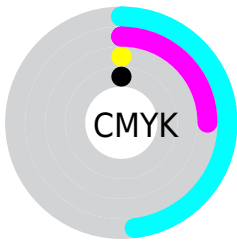
Distribution



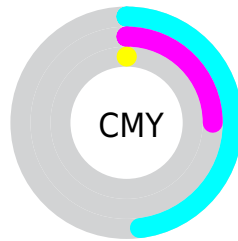
- Red (52%)
- Green (75%)
- Blue (100%)



- Red (52%)
- Yellow (67%)
- Blue (100%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)
- Black (0%)



- Cyan (48%)
- Magenta (25%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0239, -4.9343, -37.0434 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 70.0239, -4.9343, -37.0434 by changing the saturation by 10% instead.

■ 70.0239, -4.9343,
-37.0434

■ 70.0239, -4.9343,
-37.0434

195.6734,
-12.1365, -40.8112

■ 58.8620, -4.2708,
-36.4037

■ 94.2039, -6.3510,
-38.2080

■ 48.3646, -3.6381,
-35.7507

■ 107.1603, -7.1013,
-38.7240

■ 38.5782, -3.0382,
-35.1162

■ 120.6616, -7.8783,
-39.1916

■ 29.5587, -2.4725,
-34.5699

134.6866, -8.6811,
-39.6104

■ 21.3779, -1.9429,
-34.2657

149.2165, -9.5091,
-39.9808

■ 14.1327, -1.4511,
-34.5915

164.2343,

■ 7.7841, -1.1580,

-10.3614, -40.3036

-37.8918

179.7246,
-11.2374, -40.5800

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.0239, -4.9343,
-37.0434

■ 70.0239, -4.9343,
-37.0434

■ 64.4916, -2.7527,
-47.2859

■ 75.8493, -6.2540,
-27.3247

■ 59.2861, 0.4158,
-58.0749

■ 81.9311, -6.8286,
-18.0975

■ 54.4498, 4.6847,
-69.3840

■ 88.2425, -6.7637,
-9.3106

■ 50.0237, 10.1281,
-81.1310

■ 94.7595, -6.1502,
-0.9123

■ 46.0352, 16.7138,

100.0000, -5.3358,

-93.1886

5.4332

■ 45.2181, 18.2278,
-95.8673

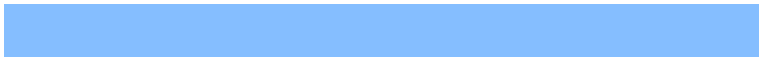
Harmonies

Analogous

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



70.0251, -20.9371, -29.7041



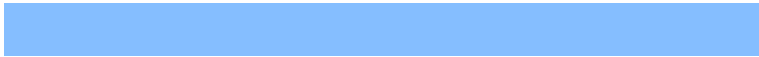
70.0239, -4.9343, -37.0434



70.0251, 13.0158, -31.3660

Triad

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



70.0251, -4.9347, -37.0412



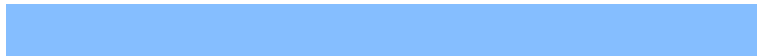
70.0251, 29.0354, 17.4062



70.0251, -30.4057, 18.9367

Complementary

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



70.0239, -4.9343, -37.0434



79.5883, 8.0017, 32.6497

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.



70.0251, -19.0551, 26.8562



70.0239, -4.9343, -37.0434



70.0251, 15.2954, 26.1397

Square

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



70.0251, -4.9347, -37.0412



70.0251, 33.7568, 2.6619



70.0251, -2.5375, 29.1237



70.0251, -34.7023, 4.9423

Rectangle

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



70.0239, -4.9343, -37.0434



70.0251, 23.4798, -21.5994



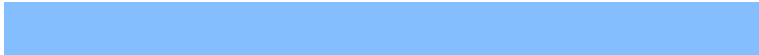
70.0251, -2.5375, 29.1237



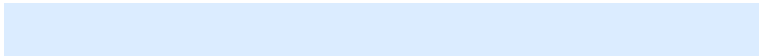
70.0251, -27.3480, 22.2528

Sweetspot

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



70.0251, -4.9347, -37.0412



90.7225, -6.5885, -6.0417



89.7185, -46.7828, 19.9386



41.3262, -3.0981, -3.6415

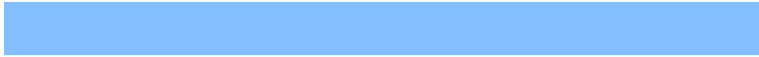
0.0000, NaN, NaN



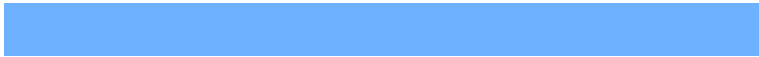
46.2646, -2.4686, 2.5136

Same Dimension

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



70.0251, -4.9347, -37.0412



64.9448, -2.9724, -46.4035



53.9914, 25.9762, -70.1683



43.3323, -2.9086, -1.0570



33.1308, 12.2420, -67.8375



11.3359, 1.8477, -18.1574

Inverse Universe

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



64.6177, 49.6878, -4.0132



59.6097, 59.6905, -3.8870



97.0000, -21.6319, 45.8275



42.5774, 2.4722, 1.2207



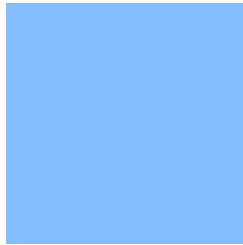
34.4036, 61.0309, 5.8451



10.8364, 19.4125, 0.3753

Previews

White Background



This preview shows how the HunterLab color 70.0239, -4.9343, -37.0434 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 70.0239, -4.9343, -37.0434 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

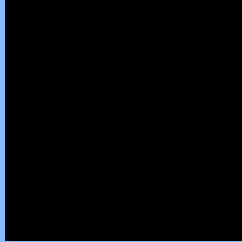
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

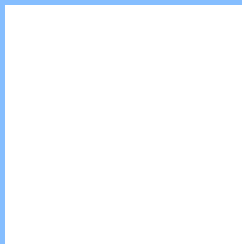
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.0239, -4.9343, -37.0434 Background



This preview shows how black text looks on a background with the HunterLab color 70.0239, -4.9343, -37.0434.



This preview shows how white text looks on a background with the HunterLab color 70.0239, -4.9343, -37.0434.

-37.0434.

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

70.0239, -4.9343, -37.0434

Protanopia

69.8667, 4.8590, -32.9186

Deuteranopia

69.8343, 5.2953, -37.1985



Tritanopia

70.1686, -20.8431, -10.8826

Trichromacy



Original Color

70.0239, -4.9343, -37.0434

Protanomaly

69.9663, 0.7779, -34.2136

Deuteranomaly

69.9408, 1.0552, -37.0850

Tritanomaly

70.0338, -15.2167, -19.8686

Monochromacy



Original Color

70.0239, -4.9343, -37.0434

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

68.2441, -5.6290, -9.3331

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0239, -4.9343, -37.0434 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, 190, 255)` looks like.

```
.text, #text, p{  
    color:rgb(133, 190, 255)  
}
```

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, 190, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(133, 190, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0239, -4.9343, -37.0434 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, 190, 255) }
```


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

```
.border{ border-color:rgb(133, 190, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(133, 190, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(133, 190, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(133, 190, 255);  
box-shadow:4px 4px 4px 4px rgb(133, 190,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.0239, -4.9343, -37.0434 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(133, 190, 255) }
```

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

```
.background{ background-color: rgb(133,  
190, 255) }
```

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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