

Converting Colors

HunterLab(70.0611, -11.6336,
-41.2330)

Have a look what the booklet for
HunterLab(70.0611, -11.6336,
-41.2330) contains.

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Color

**HunterLab(69.9306,
-13.3581, -37.3553)**

Conversions

Conversions Part 1

Format	Color
Hex	63C3FF
RGB	99, 195, 255
RGB Percent	39%, 76%, 100%
CMY	0.6117, 0.2353, 0.0000
CMYK	0.61, 0.24, 0.00, 0.00
HSL	203°, 100%, 69%
HSV	203°, 61%, 100%
XYZ	42.7107, 48.9029, 101.7959
YIQ	173.1360, -76.4760, -1.6920

Conversions

Conversions Part 2

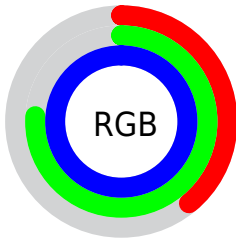
Format	Color
R_{YB}	99, 158, 255
Decimal	6538239
CIE _{Lab}	75.39, -10.95, -37.99
CIE _{LCh}	75, 39.538, 253.919
Yxy	48.9046, 0.2208, 0.2529
Android (android.graphics.Color)	4284728319 (0xFF63C3FF)
YUV	173.1360, 40.3590, -65.0173
Hunter-Lab	69.9306, -13.3581, -37.3553

Details

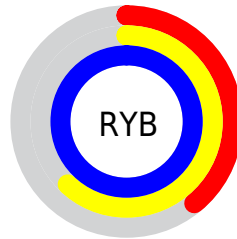
The HunterLab color **69.9306, -13.3581, -37.3553** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68.5268, 25.6657, 32.4601**, and the grayscale version is **64.5628, -3.4449, 3.5078**.

A 20% lighter version of the original color is **91.5377, -29.0618, -5.3822**, and **48.1374, -10.7990, -36.3309** is the 20% darker color. If you saturate the color by 10%, you get **65.9060, -11.8036, -44.7063**, and if you desaturate by 10%, it is **74.2395, -13.9755, -30.0553**.

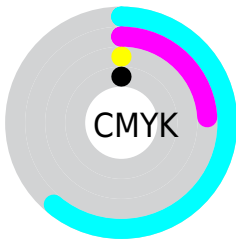
Distribution



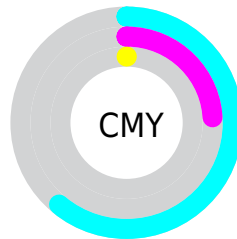
- Red (39%)
- Green (76%)
- Blue (100%)



- Red (39%)
- Yellow (62%)
- Blue (100%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (24%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.9306, -13.3581, -37.3553 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 69.9306, -13.3581, -37.3553 by changing the saturation by 10% instead.

■ 69.9306, -13.3581,
-37.3553

■ 69.9306, -13.3581,
-37.3553

195.5419,
-24.1909, -41.1744

■ 58.7739, -12.1893,
-36.7120

■ 94.1008, -15.7036,
-38.5297

■ 48.2821, -11.0173,
-36.0568

■ 107.0527,
-16.8855, -39.0511

■ 38.5017, -9.8358,
-35.4226

■ 120.5496,
-18.0759, -39.5245

■ 29.4887, -8.6348,
-34.8809

134.5705,
-19.2761, -39.9492

■ 21.3150, -7.3976,
-34.5898

149.0964,
-20.4871, -40.3257

■ 14.0780, -6.0948,
-34.9478

164.1102,

■ 7.7260, -6.5896,

-21.7095, -40.6546

-38.4326

179.5968,
-22.9440, -40.9371

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 69.9306, -13.3581,
-37.3553

■ 69.9306, -13.3581,
-37.3553

■ 65.9060, -11.8036,
-44.7063

■ 74.2395, -13.9755,
-30.0553

■ 62.1767, -9.2633,
-52.0645

■ 78.8109, -13.7278,
-22.8516

■ 58.7505, -5.7341,
-59.3752

■ 83.6263, -12.6969,
-15.7679

■ 55.9532, -1.9139,
-65.8051

■ 88.6665, -10.9655,
-8.8189

■ 93.9135, -8.6124,

-2.0100

99.3504, -5.7093,
4.6597

100.0000, -5.3358,
5.4332

Harmonies

Analogous

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



69.9318, -27.6528, -24.1067



69.9306, -13.3581, -37.3553



69.9318, 5.0675, -37.8654

Triad

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



69.9318, -13.3582, -37.3531



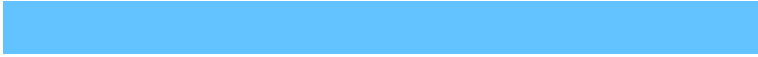
69.9318, 34.4283, 11.4978



69.9318, -26.8300, 24.1280

Complementary

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



69.9306, -13.3581, -37.3553



68.5268, 25.6657, 32.4601

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.



69.9318, -12.1228, 29.4110



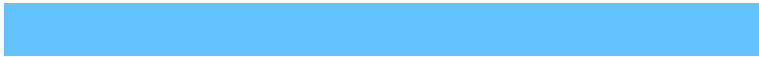
69.9306, -13.3581, -37.3553



69.9318, 23.9034, 23.5144

Square

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



69.9318, -13.3582, -37.3531



69.9318, 34.0085, -6.2763



69.9318, 6.4382, 29.2204



69.9318, -34.8578, 12.5809

Rectangle

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



69.9306, -13.3581, -37.3553



69.9318, 17.3372, -30.6737



69.9318, 6.4382, 29.2204



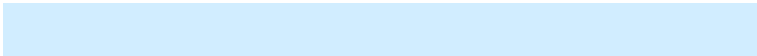
69.9318, -22.5745, 26.5429

Sweetspot

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



69.9318, -13.3582, -37.3531



90.3099, -10.2826, -6.6431



87.5612, -57.1181, 30.8044



41.0839, -5.0480, -3.9962

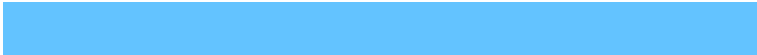
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.9318, -13.3582, -37.3531



65.2022, -11.4140, -46.0517



47.5858, 27.6904, -88.0705



43.8625, -3.7772, -0.4106



40.8129, -1.9973, -46.7011



13.5409, -1.9269, -12.7653

Inverse Universe

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



58.4171, 67.5195, -15.2245



53.7899, 78.2561, -15.1084



90.8924, -14.2875, 48.0558



42.6322, 2.7659, 0.4413



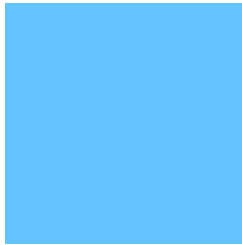
35.2271, 64.0197, -5.8582



11.0889, 20.3249, -3.1816

Previews

White Background



This preview shows how the HunterLab color 69.9306, -13.3581, -37.3553 looks on a white background.

Color Contrast Check

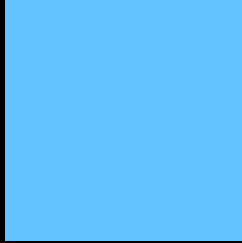
Large Text (above 18pt) WCAG AA × Fail

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 69.9306, -13.3581, -37.3553 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

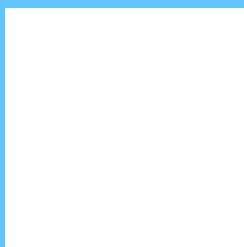
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.9306, -13.3581, -37.3553 Background



This preview shows how black text looks on a background with the HunterLab color 69.9306, -13.3581, -37.3553.



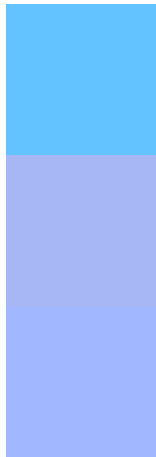
This preview shows how white text looks on a background with the HunterLab color 69.9306, -13.3581, -37.3553.

-13.3581, -37.3553.

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

69.9306, -13.3581, -37.3553

Protanopia

69.4723, 4.6971, -30.8342

Deuteranopia

69.7596, 5.0449, -37.3350



Tritanopia

70.0691, -27.7143, -13.4347

Trichromacy



Original Color

69.9306, -13.3581, -37.3553

Protanomaly

69.3765, -2.9915, -33.8954

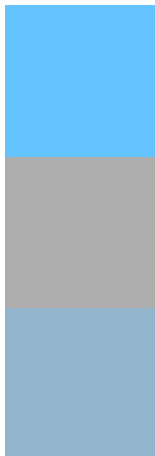
Deuteranomaly

69.4002, -2.3611, -38.1025

Tritanomaly

69.7790, -22.6764, -21.6366

Monochromacy



Original Color

69.9306, -13.3581, -37.3553

Achromatopsia

64.6440, -3.4492, 3.5122

Achromatomaly

65.9322, -9.3694, -10.3449

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.9306, -13.3581, -37.3553 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(99, 195, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 195, 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(99, 195, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 195, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 69.9306, -13.3581, -37.3553 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(99, 195, 255) }
```


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

```
.border{ border-color:rgb(99, 195, 255) }
```

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

Here you see how a box with a 4 pixel rgb(99, 195, 255) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 195, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 195, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 195,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.9306, -13.3581, -37.3553 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 195, 255) }
```

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

```
.background{ background-color: rgb(99, 195,  
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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