

Converting Colors

HunterLab(70.7100, -21.6235,
-36.1356)

Have a look what the booklet for
HunterLab(70.7100, -21.6235,
-36.1356) contains.

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Color

**HunterLab(70.8272,
-21.7885, -35.9350)**

Conversions

Conversions Part 1

Format	Color
Hex	33CAFF
RGB	51, 202, 255
RGB Percent	20%, 79%, 100%
CMY	0.7999, 0.2078, 0.0000
CMYK	0.80, 0.21, 0.00, 0.00
HSL	196°, 100%, 60%
HSV	196°, 80%, 100%
XYZ	40.5358, 50.1649, 102.1542
YIQ	162.8930, -107.0090, -15.5290

Conversions

Conversions Part 2

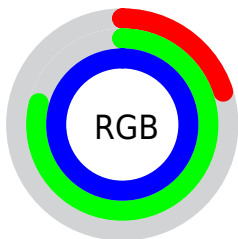
Format	Color
R _Y B	51, 138, 255
Decimal	3394303
CIE Lab	76.17, -20.93, -36.88
CIE LCh	76, 42.400, 240.427
Yxy	50.1666, 0.2102, 0.2601
Android (android.graphics.Color)	4281584383 (0xFF33CAFF)
YUV	162.8930, 45.4088, -98.1302
Hunter-Lab	70.8272, -21.7885, -35.9350

Details

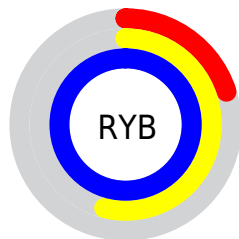
The HunterLab color **70.8272, -21.7885, -35.9350** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **56.0384, 50.9732, 32.1070**, and the grayscale version is **60.3290, -3.2190, 3.2778**.

A 20% lighter version of the original color is **91.3275, -36.9566, -5.7909**, and **50.2564, -14.1320, -32.3091** is the 20% darker color. If you saturate the color by 10%, you get **68.2883, -20.0093, -40.4128**, and if you desaturate by 10%, it is **73.6182, -22.6769, -31.2282**.

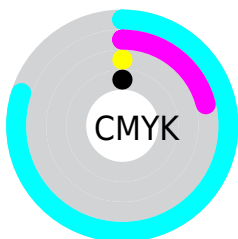
Distribution



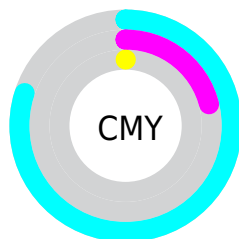
- Red (20%)
- Green (79%)
- Blue (100%)



- Red (20%)
- Yellow (54%)
- Blue (100%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)
- Black (0%)



- Cyan (80%)
- Magenta (21%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.8272, -21.7885, -35.9350 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 70.8272, -21.7885, -35.9350 by changing the saturation by 10% instead.

70.8272, -21.7885,
-35.9350

70.8272, -21.7885,
-35.9350

196.8037,
-36.5008, -39.4965

59.6203, -20.0744,
-35.3106

95.0903, -25.1323,
-37.0597

49.0750, -18.3183,
-34.6668

108.0855,
-26.7765, -37.5531

39.2373, -16.5043,
-34.0312

121.6240,
-28.4089, -37.9974

30.1621, -14.6084,
-33.4651

135.6849,
-30.0333, -38.3923

21.9200, -12.5926,
-33.1033

150.2493,
-31.6525, -38.7386

14.6056, -10.3904,
-33.2832

165.3006,

8.2657, -11.4731,

-33.2689, -39.0372

-35.5701

180.8234,
-34.8845, -39.2894

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.8272, -21.7885,
-35.9350

■ 70.8272, -21.7885,
-35.9350

■ 68.2883, -20.0093,
-40.4128

■ 73.6182, -22.6769,
-31.2282

■ 65.9611, -17.4846,
-44.7005

■ 76.6654, -22.6468,
-26.3215

■ 65.9595, -17.4826,
-44.7037

■ 79.9687, -21.7123,
-21.2473

■ 83.5216, -19.9144,
-16.0428

■ 87.3138, -17.3106,

-10.7436

■ 91.3335, -13.9668,
-5.3807

■ 95.5678, -9.9515,
0.0198

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.



70.8284, -33.9985, -17.2967



70.8272, -21.7885, -35.9350



70.8284, -3.4962, -43.3747

Triad

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



70.8284, -21.7884, -35.9329



70.8284, 38.9410, 4.1274



70.8284, -22.2332, 28.7100

Complementary

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



70.8272, -21.7885, -35.9350



56.0384, 50.9732, 32.1070

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.



70.8284, -4.0693, 31.5572



70.8272, -21.7885, -35.9350



70.8284, 32.5382, 19.9986

Square

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



70.8284, -21.7884, -35.9329



70.8284, 32.8801, -16.6902



70.8284, 16.2226, 28.8712



70.8284, -34.2345, 19.6440

Rectangle

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



70.8272, -21.7885, -35.9350



70.8284, 10.1509, -39.7318



70.8284, 16.2226, 28.8712



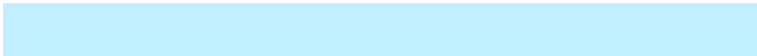
70.8284, -16.7166, 30.2920

Sweetspot

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



70.8284, -21.7884, -35.9329



89.6962, -15.3913, -7.5357



85.5476, -67.2367, 42.8223



40.8377, -7.6631, -4.3699

0.0000, NaN, NaN



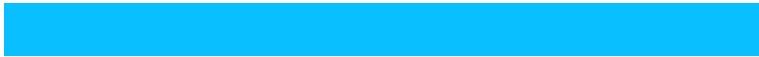
46.2646, -2.4686, 2.5136

Same Dimension

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



70.8284, -21.7884, -35.9329



66.8737, -18.5479, -42.9963



41.7490, 30.2747, -108.1019



44.3121, -4.5060, 0.1314



47.9458, -13.0231, -31.8150



15.5413, -4.8888, -8.8717

Inverse Universe

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



52.8145, 86.9911, -28.6630



50.2599, 92.4582, -25.8284



80.4283, 0.0292, 47.2496



42.6791, 3.0172, -0.2254



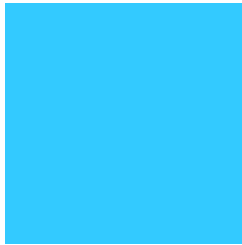
36.1229, 67.2314, -18.2847



11.3507, 21.2597, -6.7847

Previews

White Background



This preview shows how the HunterLab color 70.8272, -21.7885, -35.9350 looks on a white background.

Color Contrast Check

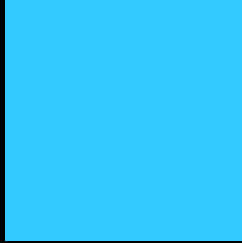
Large Text (above 18pt) WCAG AA × Fail

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 70.8272, -21.7885, -35.9350 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

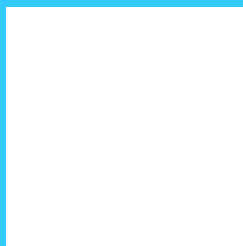
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.8272, -21.7885, -35.9350 Background



This preview shows how black text looks on a background with the HunterLab color 70.8272, -21.7885, -35.9350.



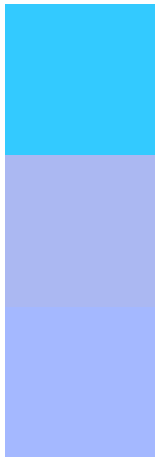
This preview shows how white text looks on a background with the HunterLab color 70.8272, -21.7885, -35.9350.

-21.7885, -35.9350.

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

70.8272, -21.7885, -35.9350

Protanopia

70.2493, 4.0147, -27.5416

Deuteranopia

70.2805, 5.2710, -36.4141



Tritanopia

70.7160, -33.4695, -16.1377

Trichromacy



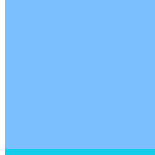
Original Color

70.8272, -21.7885, -35.9350



Protanomaly

69.6341, -8.6299, -32.1669



Deuteranomaly

69.7801, -7.3892, -37.5166



Tritanomaly

70.5686, -29.6642, -23.0708

Monochromacy



Original Color

70.8272, -21.7885, -35.9350



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

62.9026, -14.4144, -10.7173

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8272, -21.7885, -35.9350 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(51, 202, 255)` looks like.

```
.text, #text, p{  
    color:rgb(51, 202, 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(51, 202, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 202, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8272, -21.7885, -35.9350 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(51, 202, 255) }
```


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

```
.border{ border-color:rgb(51, 202, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 202, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 202, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 202, 255);  
box-shadow:4px 4px 4px 4px rgb(51, 202,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8272, -21.7885, -35.9350 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 202, 255) }
```

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

```
.background{ background-color: rgb(51, 202,  
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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