

Converting Colors

HunterLab(70.4168, -19.9215,
-36.6166)

Have a look what the booklet for
HunterLab(70.4168, -19.9215,
-36.6166) contains.

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Color

**HunterLab(70.4168,
-19.9215, -36.6166)**

Conversions

Conversions Part 1

Format	Color
Hex	3FC8FF
RGB	63, 200, 255
RGB Percent	25%, 78%, 100%
CMY	0.7529, 0.2157, 0.0000
CMYK	0.75, 0.22, 0.00, 0.00
HSL	197°, 100%, 62%
HSV	197°, 75%, 100%
XYZ	40.7541, 49.5853, 102.0306
YIQ	165.3070, -99.3070, -11.9390

Conversions

Conversions Part 2

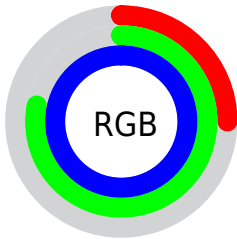
Format	Color
R _{YB}	63, 143, 255
Decimal	4180223
CIE _{Lab}	75.82, -18.72, -37.41
CIE _{LCh}	76, 41.832, 243.424
Yxy	49.5869, 0.2119, 0.2578
Android (android.graphics.Color)	4282370303 (0xFF3FC8FF)
YUV	165.3070, 44.2186, -89.7232
Hunter-Lab	70.4168, -19.9215, -36.6166

Details

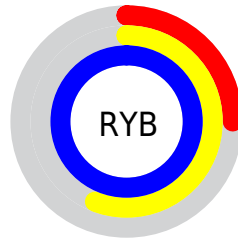
The HunterLab color **70.4168, -19.9215, -36.6166** is a light color, and the websafe version is hex **33CCFF**. The color can be described as light washed cyan. A complement of this color would be **58.8037, 44.6729, 32.2730**, and the grayscale version is **61.3221, -3.2720, 3.3317**.

A 20% lighter version of the original color is **91.6375, -35.7718, -5.3715**, and **49.6336, -13.2346, -33.4679** is the 20% darker color. If you saturate the color by 10%, you get **67.5494, -18.2329, -41.7354**, and if you desaturate by 10%, it is **73.5491, -20.6854, -31.3076**.

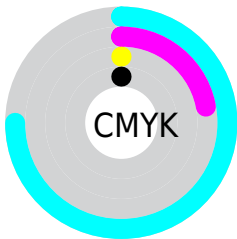
Distribution



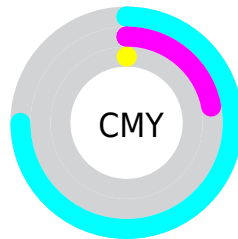
- Red (25%)
- Green (78%)
- Blue (100%)



- Red (25%)
- Yellow (56%)
- Blue (100%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)
- Black (0%)



- Cyan (75%)
- Magenta (22%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.4168, -19.9215, -36.6166 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 70.4168, -19.9215, -36.6166 by changing the saturation by 10% instead.

70.4168, -19.9215,
-36.6166

70.4168, -19.9215,
-36.6166

196.2265,
-33.7666, -40.3022

59.2328, -18.3292,
-35.9831

94.6375, -23.0421,
-37.7655

48.7120, -16.7037,
-35.3334

107.6129,
-24.5829, -38.2725

38.9004, -15.0309,
-34.6978

121.1324,
-26.1165, -38.7307

29.8536, -13.2900,
-34.1423

135.1750,
-27.6461, -39.1400

21.6427, -11.4476,
-33.8122

149.7218,
-29.1740, -39.5007

14.3635, -9.4447,
-34.0724

164.7560,

8.0235, -10.5926,

-30.7024, -39.8138

-36.8540

180.2622,
-32.2328, -40.0806

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.4168, -19.9215,
-36.6166

■ 70.4168, -19.9215,
-36.6166

■ 67.5494, -18.2329,
-41.7354

■ 73.5491, -20.6854,
-31.3076

■ 64.9313, -15.6723,
-46.6522

■ 76.9429, -20.5266,
-25.8496

■ 63.7618, -14.2513,
-48.9323

■ 80.5928, -19.4806,
-20.2806

■ 84.4882, -17.6031,
-14.6384

■ 88.6163, -14.9606,

-8.9557

■ 92.9631, -11.6235,
-3.2589

■ 97.5148, -7.6612,
2.4316

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.



70.4180, -32.6728, -19.0474



70.4168, -19.9215, -36.6166



70.4180, -1.4844, -42.4647

Triad

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



70.4180, -19.9214, -36.6146



70.4180, 38.1862, 5.9514



70.4180, -23.4374, 27.7654

Complementary

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



70.4168, -19.9215, -36.6166



58.8037, 44.6729, 32.2730

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.



70.4180, -6.0092, 31.1522



70.4168, -19.9215, -36.6166



70.4180, 30.7295, 20.9346

Square

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



70.4180, -19.9214, -36.6146



70.4180, 33.4242, -14.2715



70.4180, 14.0022, 29.0465



70.4180, -34.5406, 18.1253

Rectangle

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



70.4168, -19.9215, -36.6166



70.4180, 11.9406, -37.9019



70.4180, 14.0022, 29.0465



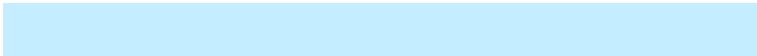
70.4180, -18.1972, 29.5313

Sweetspot

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



70.4180, -19.9214, -36.6146



89.5922, -14.2557, -7.6525



85.9484, -65.1644, 40.1231



40.7391, -7.1025, -4.4921

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.4180, -19.9214, -36.6146



66.2860, -17.1290, -44.0773



42.7802, 29.9182, -104.2343



44.2158, -4.3506, 0.0158



46.3807, -10.7330, -34.8023



15.1047, -4.2706, -9.6606

Inverse Universe

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



53.8395, 82.9696, -25.5490



50.6577, 90.3908, -23.7210



83.3130, -4.3198, 47.9133



42.6690, 2.9632, -0.0822



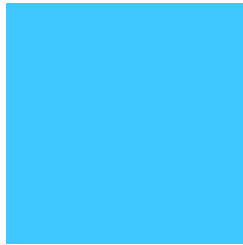
35.9160, 66.4931, -15.4414



11.2910, 21.0476, -5.9705

Previews

White Background



This preview shows how the HunterLab color 70.4168, -19.9215, -36.6166 looks on a white background.

Color Contrast Check

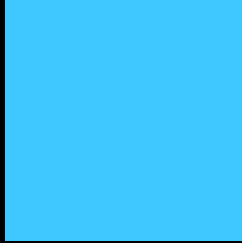
Large Text (above 18pt) WCAG AA × Fail

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 70.4168, -19.9215, -36.6166 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

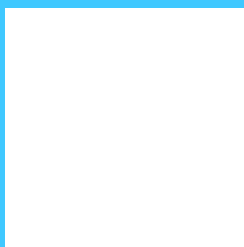
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.4168, -19.9215, -36.6166 Background



This preview shows how black text looks on a background with the HunterLab color 70.4168, -19.9215, -36.6166.



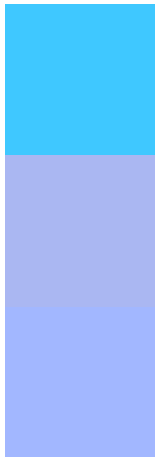
This preview shows how white text looks on a background with the HunterLab color 70.4168, -19.9215, -36.6166.

-19.9215, -36.6166.

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

70.4168, -19.9215, -36.6166

Protanopia

69.8740, 4.2702, -28.1492

Deuteranopia

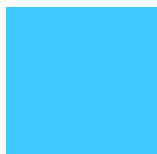
69.8343, 5.2953, -37.1985



Tritanopia

70.5206, -32.5487, -15.8096

Trichromacy



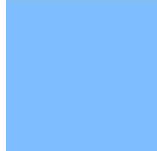
Original Color

70.4168, -19.9215, -36.6166



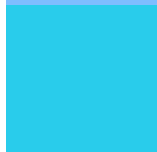
Protanomaly

69.2357, -6.8316, -32.8119



Deuteranomaly

69.3187, -5.8116, -38.3082



Tritanomaly

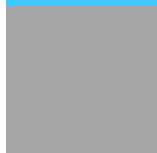
70.4665, -28.3176, -23.2058

Monochromacy



Original Color

70.4168, -19.9215, -36.6166



Achromatopsia

61.3402, -3.2730, 3.3327



Achromatomaly

63.6453, -13.1744, -10.7828

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.4168, -19.9215, -36.6166 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(63, 200, 255)` looks like.

```
.text, #text, p{  
    color:rgb(63, 200, 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(63, 200, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 200, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.4168, -19.9215, -36.6166 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(63, 200, 255) }
```


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

```
.border{ border-color:rgb(63, 200, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 200, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 200, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 200, 255);  
box-shadow:4px 4px 4px 4px rgb(63, 200,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.4168, -19.9215, -36.6166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 200, 255) }
```

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

```
.background{ background-color: rgb(63, 200,  
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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