

Converting Colors

HunterLab(70.2513, -13.8460,
-36.7999)

Have a look what the booklet for
HunterLab(70.2513, -13.8460,
-36.7999) contains.

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Color

**HunterLab(70.2513,
-13.8460, -36.7999)**

Conversions

Conversions Part 1

Format	Color
Hex	63C4FF
RGB	99, 196, 255
RGB Percent	39%, 77%, 100%
CMY	0.6117, 0.2314, 0.0000
CMYK	0.61, 0.23, 0.00, 0.00
HSL	203°, 100%, 69%
HSV	203°, 61%, 100%
XYZ	42.9355, 49.3525, 101.8707
YIQ	173.7230, -76.7510, -2.2150

Conversions

Conversions Part 2

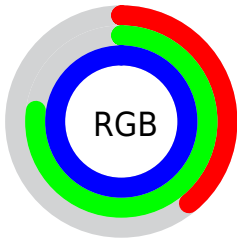
Format	Color
R _Y B	99, 159, 255
Decimal	6538495
CIE Lab	75.67, -11.48, -37.56
CIE LCh	76, 39.274, 252.997
Yxy	49.3541, 0.2211, 0.2542
Android (android.graphics.Color)	4284728575 (0xFF63C4FF)
YUV	173.7230, 40.0696, -65.5321
Hunter-Lab	70.2513, -13.8460, -36.7999

Details

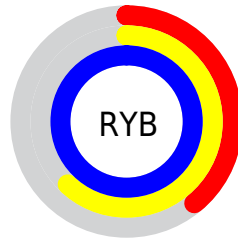
The HunterLab color **70.2513, -13.8460, -36.7999** is a light color, and the websafe version is hex **66CCFF**. A complement of this color would be **68.2764, 26.1902, 32.2776**, and the grayscale version is **64.8075, -3.4580, 3.5211**.

A 20% lighter version of the original color is **92.2213, -30.0144, -4.5234**, and **48.4375, -11.2794, -35.7467** is the 20% darker color. If you saturate the color by 10%, you get **66.2762, -12.3710, -44.0125**, and if you desaturate by 10%, it is **74.5090, -14.3863, -29.6233**.

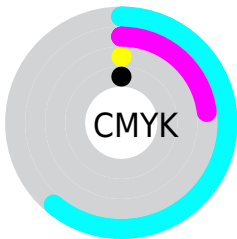
Distribution



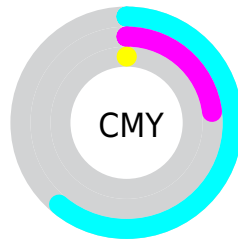
- Red (39%)
- Green (77%)
- Blue (100%)



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



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (23%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2513, -13.8460, -36.7999 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 70.2513, -13.8460, -36.7999 by changing the saturation by 10% instead.

70.2513, -13.8460,
-36.7999

70.2513, -13.8460,
-36.7999

195.9936,
-24.8854, -40.5208

59.0766, -12.6485,
-36.1638

94.4549, -16.2442,
-37.9556

48.5657, -11.4461,
-35.5126

107.4223,
-17.4506, -38.4664

38.7646, -10.2319,
-34.8774

120.9341,
-18.6646, -38.9287

29.7293, -8.9952,
-34.3257

134.9693,
-19.8874, -39.3420

21.5311, -7.7186,
-34.0064

149.5090,
-21.1202, -39.7069

14.2662, -6.3712,
-34.2940

164.5363,

7.9236, -6.7392,

-22.3638, -40.0242

-37.2837

180.0358,
-23.6187, -40.2951

0.0000, NaN, -NF

0.0000, NaN, -NF

■ 70.2513, -13.8460,
-36.7999

■ 70.2513, -13.8460,
-36.7999

■ 66.2762, -12.3710,
-44.0125

■ 74.5090, -14.3863,
-29.6233

■ 62.5939, -9.9147,
-51.2175

■ 79.0279, -14.0620,
-22.5282

■ 59.2110, -6.4763,
-58.3619

■ 83.7905, -12.9535,
-15.5397

■ 56.4483, -2.7425,
-64.6352

■ 88.7778, -11.1426,
-8.6741

■ 93.9720, -8.7074,

-1.9384

99.3565, -5.7195,
4.6666

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.



70.2525, -27.9024, -23.3597



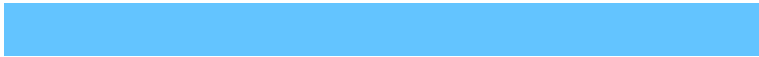
70.2513, -13.8460, -36.7999



70.2525, 4.4206, -37.7383

Triad

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



70.2525, -13.8461, -36.7979



70.2525, 34.3399, 11.0104



70.2525, -26.3835, 24.3297

Complementary

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



70.2513, -13.8460, -36.7999



68.2764, 26.1902, 32.2776

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.



70.2525, -11.5678, 29.4342



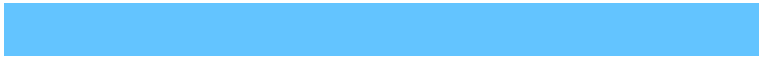
70.2513, -13.8460, -36.7999



70.2525, 24.1772, 23.1937

Square

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



70.2525, -13.8461, -36.7979



70.2525, 33.5674, -6.7983



70.2525, 6.9457, 29.0807



70.2525, -34.6110, 13.0096

Rectangle

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



70.2513, -13.8460, -36.7999



70.2525, 16.6693, -30.8513



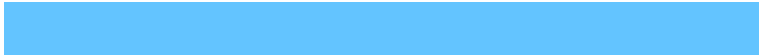
70.2525, 6.9457, 29.0807



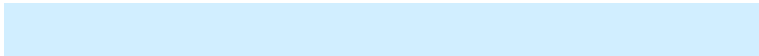
70.2525, -22.0785, 26.6805

Sweetspot

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



70.2525, -13.8461, -36.7979



90.4045, -10.4339, -6.5225



87.5102, -57.4278, 31.5465



41.1348, -5.1290, -3.9302

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2525, -13.8461, -36.7979



65.5813, -11.9963, -45.3310



48.2283, 26.2269, -86.1299



43.8855, -3.8147, -0.3827



41.1663, -2.5836, -45.8771



13.6408, -2.0835, -12.5522

Inverse Universe

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



58.4559, 67.6854, -15.7662



53.8364, 78.4406, -15.7559



90.0673, -12.9969, 47.4995



42.6345, 2.7787, 0.4073



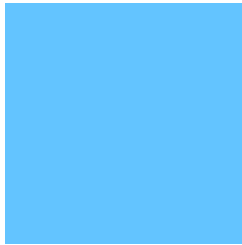
35.2686, 64.1693, -6.4405



11.1013, 20.3693, -3.3534

Previews

White Background



This preview shows how the HunterLab color 70.2513, -13.8460, -36.7999 looks on a white background.

Color Contrast Check

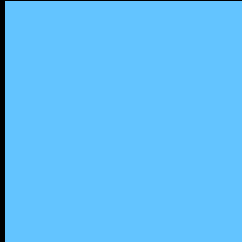
Large Text (above 18pt) WCAG AA × Fail

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 70.2513, -13.8460, -36.7999 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

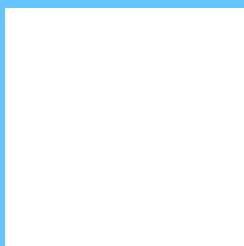
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.2513, -13.8460, -36.7999 Background



This preview shows how black text looks on a background with the HunterLab color 70.2513, -13.8460, -36.7999.



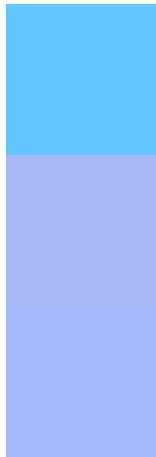
This preview shows how white text looks on a background with the HunterLab color 70.2513, -13.8460, -36.7999.

-13.8460, -36.7999.

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

70.2513, -13.8460, -36.7999

Protanopia

69.8458, 4.4354, -30.2143

Deuteranopia

69.8343, 5.2953, -37.1985



Tritanopia

70.4416, -27.9386, -13.4916

Trichromacy



Original Color

70.2513, -13.8460, -36.7999

Protanomaly

69.7464, -3.2810, -33.2663

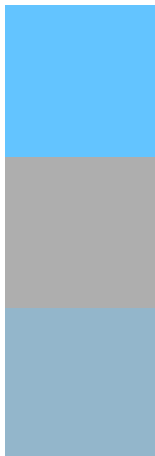
Deuteranomaly

69.7678, -2.6616, -37.4555

Tritanomaly

70.1495, -22.9019, -21.7007

Monochromacy



Original Color

70.2513, -13.8460, -36.7999

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

66.3104, -9.6060, -9.8261

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2513, -13.8460, -36.7999 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, 196, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 196, 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, 196, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 196, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2513, -13.8460, -36.7999 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, 196, 255) }
```


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

```
.border{ border-color:rgb(99, 196, 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, 196, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 196, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 196, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 196,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2513, -13.8460, -36.7999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 196, 255) }
```

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

```
.background{ background-color: rgb(99, 196,  
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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