

Converting Colors

HunterLab(84.0133, -33.1689,
-15.5788)

Have a look what the booklet for
HunterLab(84.0133, -33.1689,
-15.5788) contains.

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Color

**HunterLab(83.9292,
-33.1356, -15.6970)**

Conversions

Conversions Part 1

Format	Color
Hex	63EDFF
RGB	99, 237, 255
RGB Percent	39%, 93%, 100%
CMY	0.6117, 0.0706, 0.0000
CMYK	0.61, 0.07, 0.00, 0.00
HSL	187°, 100%, 69%
HSV	187°, 61%, 100%
XYZ	53.4798, 70.4411, 105.3856
YIQ	197.7900, -88.0260, -23.6580

Conversions

Conversions Part 2

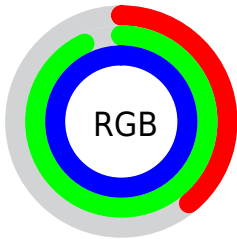
Format	Color
RYB	99, 172, 255
Decimal	6548991
CIELab	87.21, -32.10, -19.88
CIELCh	87, 37.759, 211.770
Yxy	70.4436, 0.2332, 0.3072
Android (android.graphics.Color)	4284739071 (0xFF63EDFF)
YUV	197.7900, 28.2045, -86.6388
Hunter-Lab	83.9292, -33.1356, -15.6970

Details

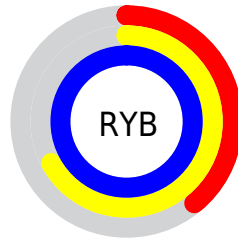
The HunterLab color **83.9292, -33.1356, -15.6970** is a light color, and the websafe version is hex **66FFFF**. A complement of this color would be **59.0632, 47.3084, 25.3709**, and the grayscale version is **74.9707, -4.0002, 4.0733**.

A 20% lighter version of the original color is **93.0196, -30.5414, -3.5187**, and **60.9303, -28.3586, -14.9394** is the 20% darker color. If you saturate the color by 10%, you get **82.1811, -34.6141, -18.2217**, and if you desaturate by 10%, it is **85.9251, -30.7529, -12.8730**.

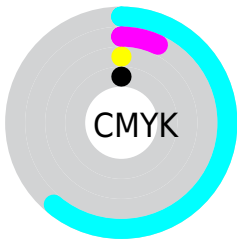
Distribution



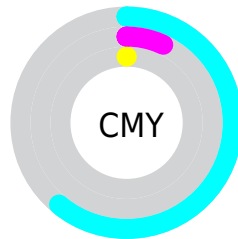
- Red (39%)
- Green (93%)
- Blue (100%)



- Red (39%)
- Yellow (67%)
- Blue (100%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (61%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.9292, -33.1356, -15.6970 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 83.9292, -33.1356, -15.6970 by changing the saturation by 10% instead.

83.9292, -33.1356,
-15.6970

83.9292, -33.1356,
-15.6970

214.9665,
-52.0503, -14.6564

72.0335, -30.8621,
-15.5588

109.4720,
-37.5306, -15.7965

60.7586, -28.5190,
-15.3616

123.0659,
-39.6701, -15.7685

50.1423, -26.0876,
-15.0999

137.1801,
-41.7803, -15.6918

40.2284, -23.5410,
-14.7714

151.7961,
-43.8668, -15.5688

31.0708, -20.8391,
-14.3770

166.8972,
-45.9337, -15.4018

22.7379, -17.9195,
-13.9264

182.4683,

15.3213, -14.6762,

-47.9846, -15.1929

-13.4572

198.4956,
-50.0227, -14.9439

■ 8.9366, -15.6391,
-13.1557

0.0000, NaN, -NF

■ 83.9292, -33.1356,
-15.6970

■ 83.9292, -33.1356,
-15.6970

■ 82.1811, -34.6141,
-18.2217

■ 85.9251, -30.7529,
-12.8730

■ 80.6645, -35.2133,
-20.4500

■ 88.1695, -27.4690,
-9.7707

■ 79.3607, -35.0018,
-22.3920

■ 90.6646, -23.3134,
-6.4097

■ 78.3488, -34.2858,
-23.9159

■ 93.4070, -18.3326,
-2.8162

■ 96.3907, -12.5849,
0.9819

■ 99.6077, -6.1353,
4.9566

■ 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.



83.9307, -37.7346, 3.4963



83.9292, -33.1356, -15.6970



83.9307, -20.9532, -31.8534

Triad

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



83.9307, -33.1362, -15.6948



83.9307, 29.9093, -13.4375



83.9307, -5.5998, 32.2476

Complementary

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



83.9292, -33.1356, -15.6970



59.0632, 47.3084, 25.3709

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.



83.9307, 13.3645, 29.6292



83.9292, -33.1356, -15.6970



83.9307, 34.9174, 5.6269

Square

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



83.9307, -33.1362, -15.6948



83.9307, 15.4723, -30.3608



83.9307, 28.6188, 20.7747



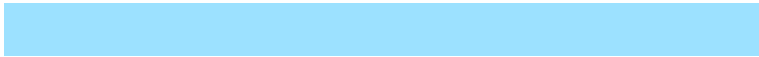
83.9307, -22.7319, 28.9193

Rectangle

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



83.9292, -33.1356, -15.6970



83.9307, -9.6100, -37.2357



83.9307, 28.6188, 20.7747



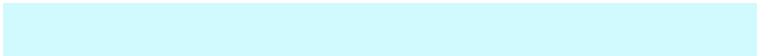
83.9307, 0.7704, 32.0367

Sweetspot

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



83.9307, -33.1362, -15.6948



94.3280, -16.5888, -1.6318



86.8343, -61.5561, 41.4352



43.2493, -8.4159, -1.2578

0.0000, NaN, NaN



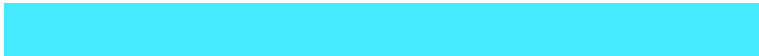
46.2646, -2.4686, 2.5136

Same Dimension

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



83.9307, -33.1362, -15.6948



81.8871, -34.7877, -18.6509



59.5858, 3.6062, -57.3585



44.8357, -5.3462, 0.7558



56.7607, -24.9443, -17.0984



17.9837, -8.1292, -4.9295

Inverse Universe

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



60.2494, 75.2555, -40.4049



56.0455, 87.0971, -45.9099



77.5408, 8.1217, 38.8949



42.7342, 3.3124, -1.0087



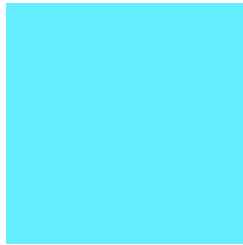
37.3903, 71.7118, -35.3713



11.7091, 22.5238, -11.5931

Previews

White Background



This preview shows how the HunterLab color 83.9292, -33.1356, -15.6970 looks on a white background.

Color Contrast Check

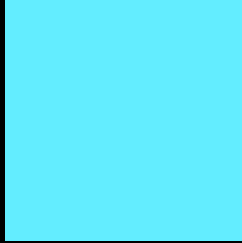
Large Text (above 18pt) WCAG AA × Fail

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 83.9292, -33.1356, -15.6970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

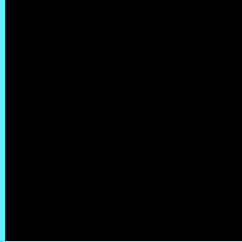
Any Text WCAG AA ✓ Pass

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 83.9292, -33.1356, -15.6970 Background



This preview shows how black text looks on a background with the HunterLab color 83.9292, -33.1356, -15.6970.



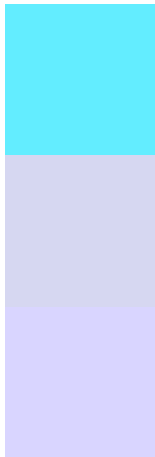
This preview shows how white text looks on a background with the HunterLab color 83.9292, -33.1356, -15.6970.

-33.1356, -15.6970.

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

83.9292, -33.1356, -15.6970

Protanopia

83.2153, 0.0409, -8.0151

Deuteranopia

83.4028, 4.8438, -15.7783



Tritanopia

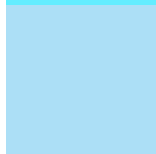
83.7939, -31.8815, -15.8663

Trichromacy



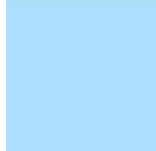
Original Color

83.9292, -33.1356, -15.6970



Protanomaly

82.5832, -14.7565, -11.9675



Deuteranomaly

82.7413, -11.8481, -17.0158



Tritanomaly

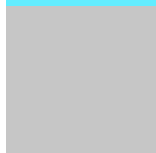
83.7224, -32.1536, -15.9722

Monochromacy



Original Color

83.9292, -33.1356, -15.6970



Achromatopsia

75.1473, -4.0097, 4.0829



Achromatomaly

77.3840, -17.2509, -3.9660

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.9292, -33.1356, -15.6970 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, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(99, 237, 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, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 237, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.9292, -33.1356, -15.6970 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, 237, 255) }
```


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

```
.border{ border-color:rgb(99, 237, 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, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(99, 237,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.9292, -33.1356, -15.6970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 237, 255) }
```

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

```
.background{ background-color: rgb(99, 237,  
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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