

Converting Colors

HunterLab(85.1864, -21.1959,
-39.4878)

Have a look what the booklet for
HunterLab(85.1864, -21.1959,
-39.4878) contains.

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Color

**HunterLab(83.5990,
-30.8589, -16.1246)**

Conversions

Conversions Part 1

Format	Color
Hex	6DEBFF
RGB	109, 235, 255
RGB Percent	43%, 92%, 100%
CMY	0.5725, 0.0784, 0.0000
CMYK	0.57, 0.08, 0.00, 0.00
HSL	188°, 100%, 71%
HSV	188°, 57%, 100%
XYZ	54.0651, 69.8879, 105.2480
YIQ	199.6060, -81.5160, -20.4920

Conversions

Conversions Part 2

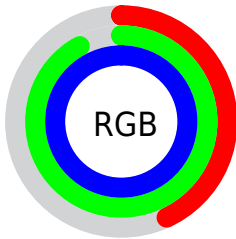
Format	Color
RYB	109, 177, 255
Decimal	7203839
CIELab	86.94, -29.43, -20.26
CIELCh	87, 35.733, 214.543
Yxy	69.8905, 0.2359, 0.3049
Android (android.graphics.Color)	4285393919 (0xFF6DEBFF)
YUV	199.6060, 27.3092, -79.4615
Hunter-Lab	83.5990, -30.8589, -16.1246

Details

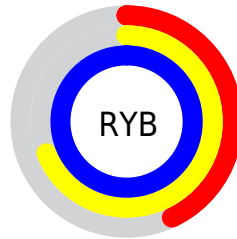
The HunterLab color **83.5990, -30.8589, -16.1246** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **61.6975, 42.0434, 24.8483**, and the grayscale version is **75.7450, -4.0416, 4.1154**.

A 20% lighter version of the original color is **93.4869, -28.7925, -2.8988**, and **60.4925, -26.6377, -15.5552** is the 20% darker color. If you saturate the color by 10%, you get **81.5601, -32.4669, -19.0864**, and if you desaturate by 10%, it is **85.8887, -28.3483, -12.8810**.

Distribution



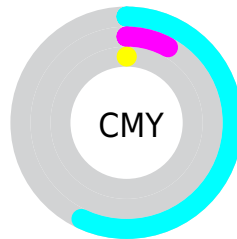
- Red (43%)
- Green (92%)
- Blue (100%)



- Red (43%)
- Yellow (69%)
- Blue (100%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)
- Black (0%)



- Cyan (57%)
- Magenta (8%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 83.5990, -30.8589, -16.1246 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 83.5990, -30.8589, -16.1246 by changing the saturation by 10% instead.

83.5990, -30.8589,
-16.1246

83.5990, -30.8589,
-16.1246

214.5146,
-48.7474, -15.1995

71.7198, -28.7277,
-15.9724

109.1112,
-34.9917, -16.2516

60.4621, -26.5362,
-15.7610

122.6907,
-37.0091, -16.2370

49.8643, -24.2676,
-15.4852

136.7911,
-39.0024, -16.1733

39.9701, -21.8976,
-15.1430

151.3937,
-40.9765, -16.0632

30.8338, -19.3899,
-14.7362

166.4819,
-42.9351, -15.9087

22.5244, -16.6878,
-14.2762

182.0405,

15.1342, -13.6943,

-44.8814, -15.7121

-13.8051

198.0556,
-46.8181, -15.4752

■ 8.7672, -15.0972,
-13.5640

0.0000, NaN, -NF

■ 83.5990, -30.8589,
-16.1246

■ 83.5990, -30.8589,
-16.1246

■ 81.5601, -32.4669,
-19.0864

■ 85.8887, -28.3483,
-12.8810

■ 79.7600, -33.1788,
-21.7602

■ 88.4263, -24.9530,
-9.3836

■ 78.1854, -33.0406,
-24.1445

■ 91.2109, -20.7136,
-5.6570

■ 76.8085, -32.1540,
-26.2634

■ 94.2367, -15.6844,
-1.7298

■ 76.4492, -31.8394,
-26.8226

■ 97.4959, -9.9278,
2.3690

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.



83.6005, -35.9549, 1.9276



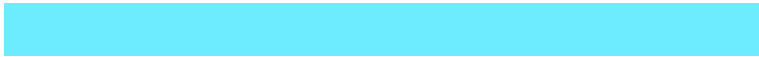
83.5990, -30.8589, -16.1246



83.6005, -18.6902, -30.5551

Triad

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



83.6005, -30.8595, -16.1224



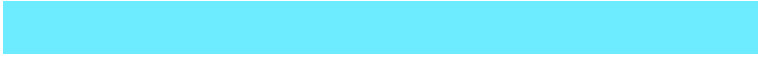
83.6005, 28.7780, -10.7081



83.6005, -7.1618, 30.9596

Complementary

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



83.5990, -30.8589, -16.1246



61.6975, 42.0434, 24.8483

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.



83.6005, 10.7795, 28.9563



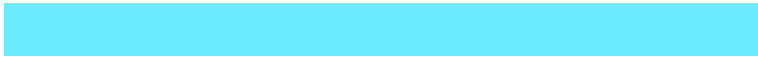
83.5990, -30.8589, -16.1246



83.6005, 32.5089, 7.0913

Square

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



83.6005, -30.8595, -16.1224



83.6005, 15.8651, -26.9980



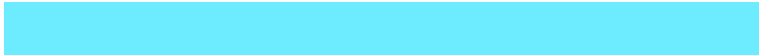
83.6005, 25.6737, 21.0038



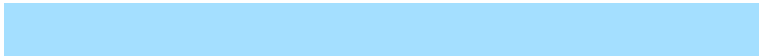
83.6005, -23.0211, 27.1940

Rectangle

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



83.5990, -30.8589, -16.1246



83.6005, -7.6992, -34.8357



83.6005, 25.6737, 21.0038



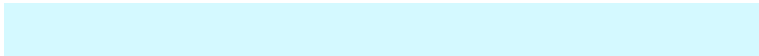
83.6005, -1.1813, 30.9306

Sweetspot

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



83.6005, -30.8595, -16.1224



94.3160, -15.5480, -1.6285



87.3743, -58.9400, 38.8388



43.3443, -7.6904, -1.1257

0.0000, NaN, NaN



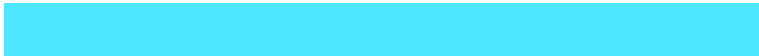
46.2646, -2.4686, 2.5136

Same Dimension

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



83.6005, -30.8595, -16.1224



81.2284, -32.6552, -19.5749



60.4172, 4.6867, -55.5319



44.7572, -5.2208, 0.6626



55.4100, -23.2076, -19.1591



17.6109, -7.6551, -5.4869

Inverse Universe

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



61.8039, 70.0585, -36.0931



57.1166, 82.7109, -41.7586



80.2227, 4.2322, 38.8125



42.7259, 3.2680, -0.8908



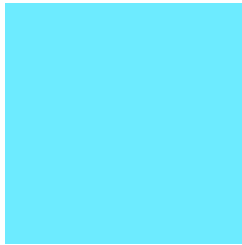
37.1852, 70.9916, -32.6437



11.6518, 22.3228, -10.8331

Previews

White Background



This preview shows how the HunterLab color 83.5990, -30.8589, -16.1246 looks on a white background.

Color Contrast Check

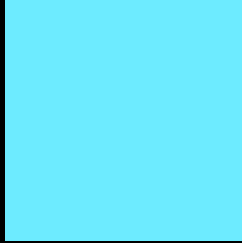
Large Text (above 18pt) WCAG AA × Fail

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 83.5990, -30.8589, -16.1246 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 83.5990, -30.8589, -16.1246 Background



This preview shows how black text looks on a background with the HunterLab color 83.5990, -30.8589, -16.1246.



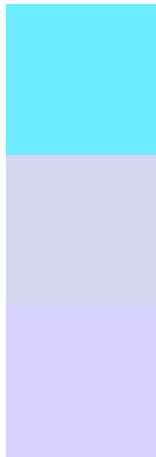
This preview shows how white text looks on a background with the HunterLab color 83.5990,

-30.8589, -16.1246.

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

83.5990, -30.8589, -16.1246

Protanopia

83.1612, -0.0725, -8.6489

Deuteranopia

83.0096, 5.0696, -16.3352



Tritanopia

83.5605, -31.0817, -15.5857

Trichromacy



Original Color

83.5990, -30.8589, -16.1246



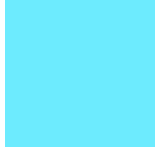
Protanomaly

82.5057, -13.3015, -12.6284



Deuteranomaly

82.3125, -10.0846, -17.6022



Tritanomaly

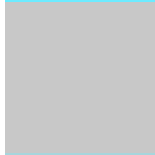
83.5605, -31.0817, -15.5857

Monochromacy



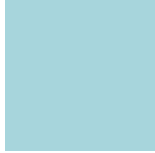
Original Color

83.5990, -30.8589, -16.1246



Achromatopsia

75.9987, -4.0551, 4.1292



Achromatomaly

78.0841, -16.2921, -3.5831

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 83.5990, -30.8589, -16.1246 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(109, 235, 255)` looks like.

```
.text, #text, p{  
    color:rgb(109, 235, 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(109, 235, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 235, 255) }
```

Border

The CSS property to change the border of an element to HunterLab 83.5990, -30.8589, -16.1246 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(109, 235, 255) }
```


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

```
.border{ border-color:rgb(109, 235, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 235, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 235, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 235, 255);  
box-shadow:4px 4px 4px 4px rgb(109, 235,  
255) }
```

Background

The CSS property to change the background color of an element to HunterLab 83.5990, -30.8589, -16.1246 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 235, 255) }
```

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

```
.background{ background-color: rgb(109,  
235, 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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