

# Converting Colors

HunterLab(84.8913, -30.7755,  
-8.7470)

Have a look what the booklet for  
HunterLab(84.8913, -30.7755,  
-8.7470) contains.

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# Color

**HunterLab(84.7514,  
-30.7516, -8.7486)**

# Conversions

## Conversions Part 1

Format	Color
Hex	81EDF5
RGB	129, 237, 245
RGB Percent	51%, 93%, 96%
CMY	0.4941, 0.0706, 0.0392
CMYK	0.47, 0.03, 0.00, 0.04
HSL	184°, 85%, 73%
HSV	184°, 47%, 96%
XYZ	55.8188, 71.8280, 97.3084
YIQ	205.6200, -66.9360, -20.4080

# Conversions

## Conversions Part 2

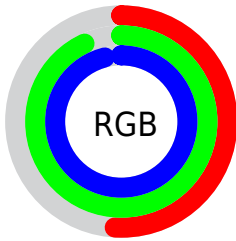
Format	Color
R <sub>YB</sub>	129, 185, 245
Decimal	8515061
CIE Lab	87.89, -29.07, -13.53
CIE LCh	88, 32.065, 204.961
Yxy	71.8308, 0.2481, 0.3193
Android (android.graphics.Color)	4286705141 (0xFF81EDF5)
YUV	205.6200, 19.4143, -67.1957
Hunter-Lab	84.7514, -30.7516, -8.7486

# Details

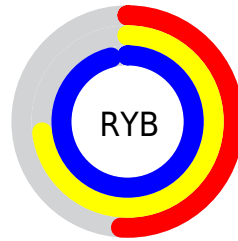
The HunterLab color **84.7514, -30.7516, -8.7486** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **62.3618, 35.6020, 19.3028**, and the grayscale version is **78.3414, -4.1801, 4.2564**.

A 20% lighter version of the original color is **94.5682, -24.7809, -1.4762**, and **61.5753, -26.5185, -8.8792** is the 20% darker color. If you saturate the color by 10%, you get **83.1643, -33.8244, -10.9346**, and if you desaturate by 10%, it is **86.5839, -26.8148, -6.2724**.

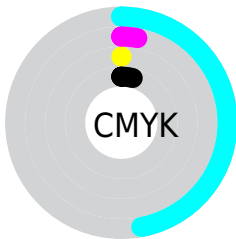
# Distribution



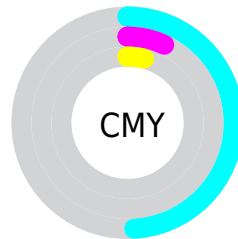
- Red (51%)
- Green (93%)
- Blue (96%)



- Red (51%)
- Yellow (73%)
- Blue (96%)



- Cyan (47%)
- Magenta (3%)
- Yellow (0%)
- Black (4%)



- Cyan (49%)
- Magenta (7%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 84.7514, -30.7516, -8.7486 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 84.7514, -30.7516, -8.7486 by changing the saturation by 10% instead.



84.7514, -30.7516,  
-8.7486

84.7514, -30.7516,  
-8.7486

216.0908,  
-48.4836, -5.8730

72.8151, -28.6447,  
-8.8377

110.3702,  
-34.8415, -8.4096

61.4972, -26.4802,  
-8.8705

123.9998,  
-36.8398, -8.1690

50.8353, -24.2420,  
-8.8407

138.1483,  
-38.8153, -7.8843

40.8726, -21.9071,  
-8.7430

152.7975,  
-40.7724, -7.5578

31.6621, -19.4411,  
-8.5713

167.9307,  
-42.7150, -7.1917

23.2712, -16.7907,  
-8.3202

183.5329,

15.7893, -13.8654,

-44.6461, -6.7877

-7.9896

199.5905,  
-46.5683, -6.3477

■ 9.3442, -14.0552,  
-7.6057

0.0000, NaN, -NF

■ 84.7514, -30.7516,  
-8.7486

■ 84.7514, -30.7516,  
-8.7486

■ 83.1643, -33.8244,  
-10.9346

■ 86.5839, -26.8148,  
-6.2724

■ 81.8113, -36.0265,  
-12.8254

■ 88.6588, -22.0396,  
-3.5258

■ 80.6824, -37.3813,  
-14.4207

■ 90.9762, -16.4706,  
-0.5287

■ 79.7591, -37.9459,  
-15.7344

■ 93.5318, -10.1641,  
2.6947

■ 79.0119, -37.8284,  
-16.8001

■ 96.3190, -3.1835,  
6.1190

■ 78.8286, -37.7386,  
-17.0621

■ 97.1902, -2.9059,  
7.1374

■ 97.7231, -3.8015,  
7.7375

■ 98.2579, -4.6954,  
8.3366

■ 98.7945, -5.5877,  
8.9348

# Harmonies

## Analogous

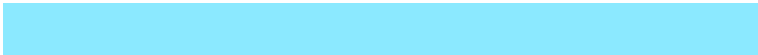
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.7530, -33.1541, 7.1538



84.7514, -30.7516, -8.7486



84.7530, -21.5421, -23.1440

# Triad

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



84.7530, -30.7522, -8.7473



84.7530, 22.2761, -14.0503



84.7530, -1.7967, 28.9745

# Complementary

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



84.7514, -30.7516, -8.7486



62.3618, 35.6020, 19.3028

# 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.



84.7530, 13.9468, 25.3180



84.7514, -30.7516, -8.7486



84.7530, 28.4902, 1.9918

# Square

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



84.7530, -30.7522, -8.7473



84.7530, 8.9066, -26.5835



84.7530, 25.3346, 16.1004



84.7530, -17.1723, 27.1632

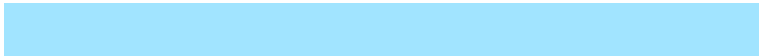


# Rectangle

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



84.7514, -30.7516, -8.7486



84.7530, -12.3937, -28.9533



84.7530, 25.3346, 16.1004



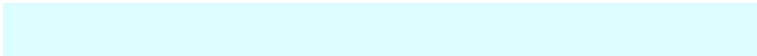
84.7530, 3.6380, 28.3677

# Sweetspot

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



84.7530, -30.7522, -8.7473



96.0657, -15.1308, 0.5402



84.7183, -50.9071, 34.8174



44.1837, -7.6399, -0.0814

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

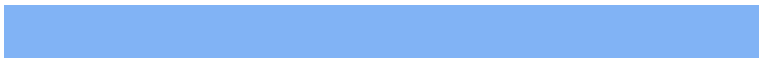
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.7530, -30.7522, -8.7473



87.0657, -35.3351, -11.3951



66.0370, -2.8212, -36.9190



43.0705, -5.3617, 0.9206



57.9308, -27.7891, -12.4198



17.3414, -8.4443, -3.4465



# Inverse Universe

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



64.2100, 56.6370, -33.4269



62.3921, 71.7865, -42.3722



77.4016, 5.3970, 31.8786



40.9236, 3.2381, -1.1937



36.7250, 71.1412, -40.2101

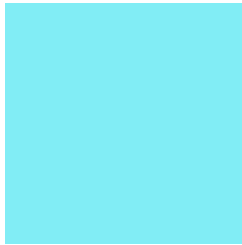


10.9143, 21.1838, -12.2707



# Previews

## White Background



This preview shows how the HunterLab color 84.7514, -30.7516, -8.7486 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

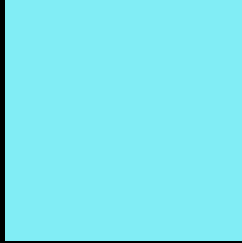
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 84.7514, -30.7516, -8.7486 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 84.7514, -30.7516, -8.7486 Background



This preview shows how black text looks on a background with the HunterLab color 84.7514, -30.7516, -8.7486.



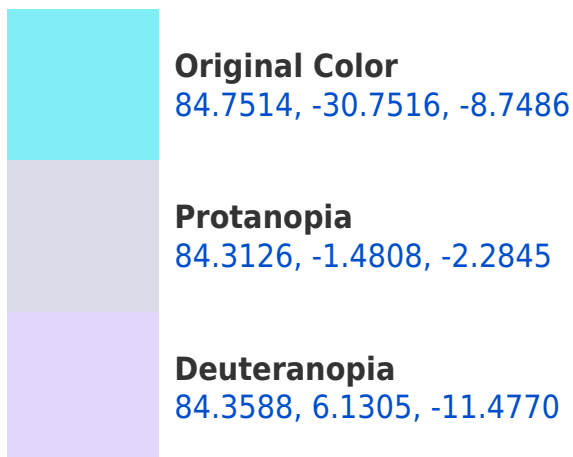
This preview shows how white text looks on a background with the HunterLab color 84.7514, -30.7516, -8.7486.

-30.7516, -8.7486.

# 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





## Tritanopia

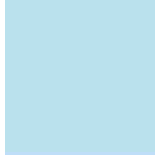
84.9214, -27.6221, -14.2082

# Trichromacy



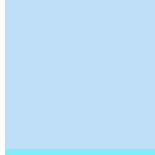
## Original Color

84.7514, -30.7516, -8.7486



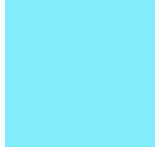
## Protanomaly

83.9071, -13.9608, -5.1558



## Deuteranomaly

83.7235, -8.8935, -11.4556



## Tritanomaly

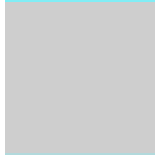
84.7238, -28.6650, -12.1642

# Monochromacy



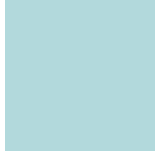
## Original Color

84.7514, -30.7516, -8.7486



## Achromatopsia

78.5625, -4.1919, 4.2684



## Achromatomaly

80.1611, -15.3799, -0.9552

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 84.7514, -30.7516, -8.7486 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(129, 237, 245)` looks like.

```
.text, #text, p{  
    color:rgb(129, 237, 245)  
}
```

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(129, 237, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(129, 237, 245) }
```

## Border

The CSS property to change the border of an element to HunterLab 84.7514, -30.7516, -8.7486 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(129, 237, 245) }
```



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

```
.border{ border-color:rgb(129, 237, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(129, 237, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(129, 237, 245); -webkit-box-shadow:4px 4px 4px 4px rgb(129, 237, 245); box-shadow:4px 4px 4px 4px rgb(129, 237, 245) }
```

# Background

The CSS property to change the background color of an element to HunterLab 84.7514, -30.7516, -8.7486 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(129, 237, 245) }
```

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

```
.background{ background-color: rgb(129,  
237, 245) }
```

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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