

# Converting Colors

HunterLab(83.1847, -1.3711,  
-20.3320)

Have a look what the booklet for  
HunterLab(83.1847, -1.3711,  
-20.3320) contains.

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# Color

**HunterLab(82.9768, -2.9039,  
-16.5217)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C6D9FF
RGB	198, 217, 255
RGB Percent	78%, 85%, 100%
CMY	0.2235, 0.1490, 0.0000
CMYK	0.22, 0.15, 0.00, 0.00
HSL	220°, 100%, 89%
HSV	220°, 22%, 100%
XYZ	66.1516, 68.8515, 104.4109
YIQ	215.6510, -23.5220, 7.7900

# Conversions

## Conversions Part 2

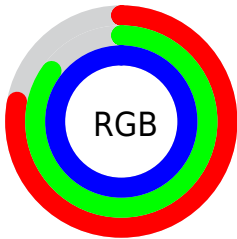
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	198, 212, 255
Decimal	13031935
CIE Lab	86.43, 1.59, -20.62
CIE LCh	86, 20.678, 274.410
Yxy	68.8542, 0.2763, 0.2876
Android (android.graphics.Color)	4291222015 (0xFFC6D9FF)
YUV	215.6510, 19.3991, -15.4799
Hunter-Lab	82.9768, -2.9039, -16.5217

# Details

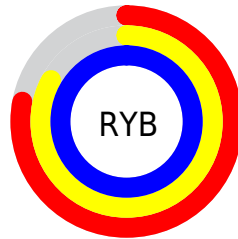
The HunterLab color  $82.9768, -2.9039, -16.5217$  is a light color, and the websafe version is hex  $CCCCFF$ . A complement of this color would be  $92.3728, -4.3012, 22.5514$ , and the grayscale version is  $82.6433, -4.4096, 4.4902$ .

A 20% lighter version of the original color is  $100.0000, -5.3358, 5.4332$ , and  $59.7976, -1.8368, -16.1577$  is the 20% darker color. If you saturate the color by 10%, you get  $75.7356, -0.9539, -27.4129$ , and if you desaturate by 10%, it is  $90.4630, -4.2828, -6.3386$ .

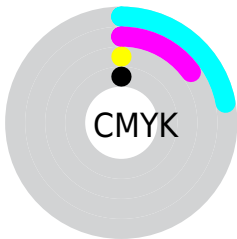
# Distribution



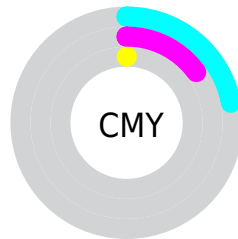
- Red (78%)
- Green (85%)
- Blue (100%)



- Red (78%)
- Yellow (83%)
- Blue (100%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9768, -2.9039, -16.5217 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 82.9768, -2.9039, -16.5217 by changing the saturation by 10% instead.



■ 82.9768, -2.9039,  
-16.5217

■ 82.9768, -2.9039,  
-16.5217

213.6625, -9.3231,  
-15.7149

■ 71.1287, -2.3484,  
-16.3547

108.4312, -4.1235,  
-16.6770

■ 59.9039, -1.8289,  
-16.1286

121.9836, -4.7809,  
-16.6761

■ 49.3409, -1.3498,  
-15.8381

136.0578, -5.4687,  
-16.6259

■ 39.4841, -0.9144,  
-15.4818

150.6352, -6.1856,  
-16.5288

■ 30.3882, -0.5272,  
-15.0622

165.6989, -6.9304,  
-16.3873

■ 22.1233, -0.1941,  
-14.5930

181.2337, -7.7022,

■ 14.7832, 0.0761,

-16.2032

-14.1224

197.2258, -8.5000,  
-15.9785

8.4382, 0.3704,  
-14.0276

0.0000, NaN, -NF

82.9768, -2.9039,  
-16.5217

82.9768, -2.9039,  
-16.5217

75.7356, -0.9539,  
-27.4129

90.4630, -4.2828,  
-6.3386

68.7700, 1.6930,  
-39.1606

98.1611, -5.1841,  
3.2519

62.1263, 5.1820,  
-51.9160

100.0000, -5.3358,  
5.4332

55.8612, 9.6827,  
-65.8239

■ 50.0462, 15.3717,  
-80.9750

■ 44.7683, 22.3893,  
-97.3180

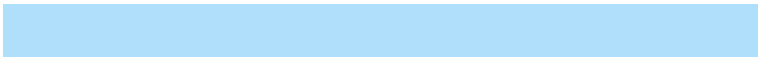
■ 40.1264, 30.7466,  
-114.5265

■ 37.0389, 37.8291,  
-127.9576

# Harmonies

## Analogous

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



82.9784, -12.8039, -14.3092



82.9768, -2.9039, -16.5217



82.9784, 7.0446, -12.5549

# Triad

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



82.9784, -2.9054, -16.5194



82.9784, 12.5257, 14.4621



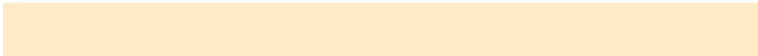
82.9784, -21.5290, 12.2399

# Complementary

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



82.9768, -2.9039, -16.5217



92.3728, -4.3012, 22.5514

# 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.



82.9784, -15.3169, 18.5893



82.9768, -2.9039, -16.5217



82.9784, 4.2856, 19.7584

# Square

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



82.9784, -2.9054, -16.5194



82.9784, 16.2250, 5.9507



82.9784, -5.9475, 21.1726



82.9784, -23.2471, 3.0567



# Rectangle

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



82.9768, -2.9039, -16.5217



82.9784, 12.2739, -7.1972



82.9784, -5.9475, 21.1726



82.9784, -19.9125, 14.7382

# Sweetspot

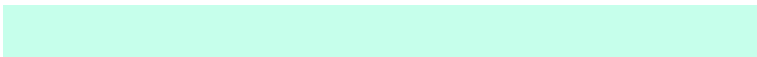
The Sweet Spot groups the original color and five complimentary colors.



82.9784, -2.9054, -16.5194



94.5579, -4.8190, -1.1395



94.6188, -25.8823, 8.5758



43.5318, -2.2045, -0.7948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



82.9784, -2.9054, -16.5194



79.5798, -2.0765, -21.4860



77.9811, 9.6914, -23.7102



42.8568, -2.1209, -1.6436



27.2254, 26.1234, -90.4223



9.5551, 5.5306, -23.8821



# Inverse Universe

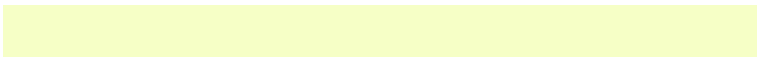
The Inverse Universe completely reimagines the original color for something new.



81.6452, 18.8180, 2.9654



78.1342, 23.9861, 2.7417



97.6072, -16.9819, 27.3939



42.5288, 2.2111, 1.9133



33.8766, 59.0993, 13.4829



10.6617, 18.7751, 2.8843



# Previews

## White Background



This preview shows how the HunterLab color 82.9768, -2.9039, -16.5217 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

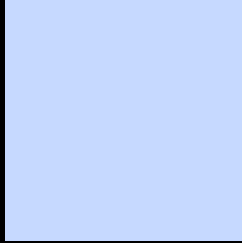
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.9768, -2.9039, -16.5217 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

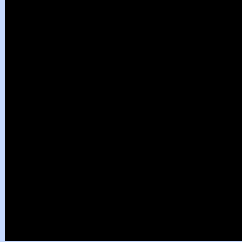
Any Text WCAG AA ✓ Pass

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 82.9768, -2.9039, -16.5217 Background



This preview shows how black text looks on a background with the HunterLab color 82.9768, -2.9039, -16.5217.



This preview shows how white text looks on a background with the HunterLab color 82.9768, -2.9039, -16.5217.

-16.5217.

# 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

82.9768, -2.9039, -16.5217

### Protanopia

82.8220, 1.1611, -15.4701

### Deuteranopia

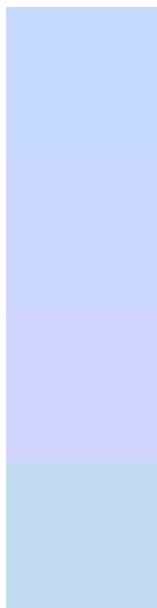
82.8011, 5.9146, -16.6190



## Tritanopia

83.0431, -8.7653, -6.7347

# Trichromacy



## Original Color

82.9768, -2.9039, -16.5217

## Protanomaly

82.8215, -0.3391, -16.0966

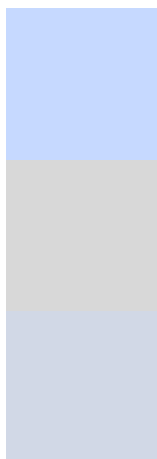
## Deuteranomaly

82.7709, 2.7082, -16.7185

## Tritanomaly

83.0244, -6.7794, -10.0802

# Monochromacy



## Original Color

82.9768, -2.9039, -16.5217

## Achromatopsia

82.8665, -4.4215, 4.5023

## Achromatomaly

82.6923, -4.1146, -2.7938

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.9768, -2.9039, -16.5217 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(198, 217, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 217, 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(198, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 217, 255) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.9768, -2.9039, -16.5217 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(198, 217, 255) }
```



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

```
.border{ border-color:rgb(198, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 217,  
255) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.9768, -2.9039, -16.5217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 217, 255) }
```

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

```
.background{ background-color: rgb(198,  
217, 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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