

# Converting Colors

HunterLab(83.1062, -25.2961,  
-13.2920)

Have a look what the booklet for  
HunterLab(83.1062, -25.2961,  
-13.2920) contains.

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# Color

**HunterLab(82.9166,  
-25.1685, -13.4330)**

# Conversions

## Conversions Part 1

Format	Color
Hex	89E6F9
RGB	137, 230, 249
RGB Percent	54%, 90%, 98%
CMY	0.4627, 0.0980, 0.0235
CMYK	0.45, 0.08, 0.00, 0.02
HSL	190°, 90%, 76%
HSV	190°, 45%, 98%
XYZ	55.7123, 68.7516, 99.9567
YIQ	204.3590, -61.5270, -13.8070

# Conversions

## Conversions Part 2

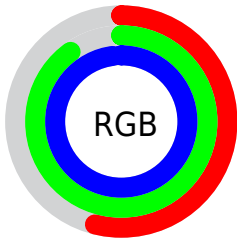
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	137, 188, 249
Decimal	9037561
CIE <sub>Lab</sub>	86.38, -22.85, -17.86
CIE <sub>LCh</sub>	86, 29.000, 218.009
Yxy	68.7543, 0.2483, 0.3064
Android (android.graphics.Color)	4287227641 (0xFF89E6F9)
YUV	204.3590, 22.0080, -59.0738
Hunter-Lab	82.9166, -25.1685, -13.4330

# Details

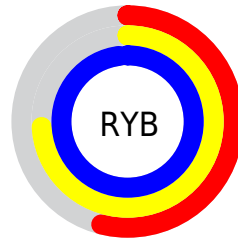
The HunterLab color **82.9166, -25.1685, -13.4330** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **67.6197, 28.0989, 21.4056**, and the grayscale version is **77.7893, -4.1506, 4.2264**.

A 20% lighter version of the original color is **95.0485, -23.0148, -0.8496**, and **59.7847, -21.3110, -13.5687** is the 20% darker color. If you saturate the color by 10%, you get **80.3520, -27.4737, -17.0999**, and if you desaturate by 10%, it is **85.7243, -22.0255, -9.5498**.

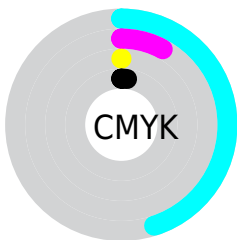
# Distribution



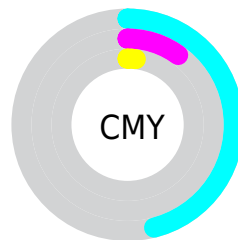
- Red (54%)
- Green (90%)
- Blue (98%)



- Red (54%)
- Yellow (74%)
- Blue (98%)



- Cyan (45%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (46%)
- Magenta (10%)
- Yellow (2%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 82.9166, -25.1685, -13.4330 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 82.9166, -25.1685, -13.4330 by changing the saturation by 10% instead.



82.9166, -25.1685,  
-13.4330

82.9166, -25.1685,  
-13.4330

213.5799,  
-40.5445, -11.8648

71.0715, -23.3853,  
-13.3586

108.3654,  
-28.6594, -13.4093

59.8499, -21.5643,  
-13.2244

121.9151,  
-30.3783, -13.3206

49.2902, -19.6936,  
-13.0250

135.9868,  
-32.0855, -13.1841

39.4370, -17.7554,  
-12.7569

150.5617,  
-33.7844, -13.0023

30.3451, -15.7229,  
-12.4181

165.6230,  
-35.4777, -12.7776

22.0846, -13.5540,  
-12.0132

181.1556,

14.7494, -11.1753,

-37.1677, -12.5119

-11.5679

197.1455,  
-38.8561, -12.2071

■ 8.4057, -12.2943,  
-11.3835

0.0000, NaN, -NF

■ 82.9166, -25.1685,  
-13.4330

■ 82.9166, -25.1685,  
-13.4330

■ 80.3520, -27.4737,  
-17.0999

■ 85.7243, -22.0255,  
-9.5498

■ 78.0275, -28.9086,  
-20.5275

■ 88.7650, -18.0904,  
-5.4838

■ 75.9414, -29.4673,  
-23.6934

■ 92.0326, -13.4214,  
-1.2632

■ 74.0836, -29.1766,  
-26.5879

■ 95.5176, -8.0817,  
3.0844

■ 72.4335, -28.1109,  
-29.2201

■ 98.5752, -4.3292,  
6.7598

■ 71.6596, -27.3738,  
-30.4762

■ 99.8096, -6.3796,  
8.1512

# Harmonies

## Analogous

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



82.9182, -30.1441, 0.7528



82.9166, -25.1685, -13.4330



82.9182, -14.5607, -23.8657

# Triad

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



82.9182, -25.1690, -13.4317



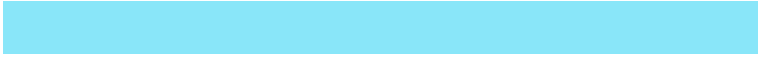
82.9182, 22.8865, -5.9862



82.9182, -8.2576, 26.6192

# Complementary

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



82.9166, -25.1685, -13.4330



67.6197, 28.0989, 21.4056

# 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.



82.9182, 6.2143, 25.4393



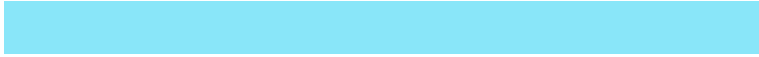
82.9166, -25.1685, -13.4330



82.9182, 24.8610, 8.1058

# Square

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



82.9182, -25.1690, -13.4317



82.9182, 13.3500, -19.0809



82.9182, 18.5745, 19.1715



82.9182, -20.8253, 22.7262

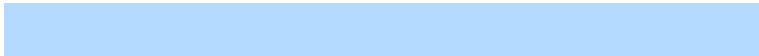


# Rectangle

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



82.9166, -25.1685, -13.4330



82.9182, -5.3901, -26.4196



82.9182, 18.5745, 19.1715



82.9182, -3.4629, 26.7881

# Sweetspot

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



82.9182, -25.1690, -13.4317



95.2420, -12.7655, -0.4309



86.8679, -48.9345, 31.3031



43.7065, -6.4387, -0.6510

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

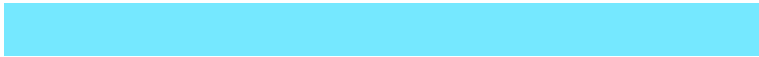


# Same Dimension

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



82.9182, -25.1690, -13.4317



82.7857, -28.0483, -17.2357



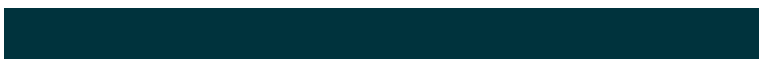
65.2389, 2.4386, -41.2089



43.6783, -4.9176, 0.5142



52.6029, -20.2602, -22.0131



16.4040, -6.6871, -6.0682



# Inverse Universe

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



66.1409, 52.3804, -25.4384



63.1336, 65.2382, -31.4014



82.9869, -1.0189, 34.2081



41.7984, 3.1206, -0.6912



36.3377, 68.8994, -28.2239

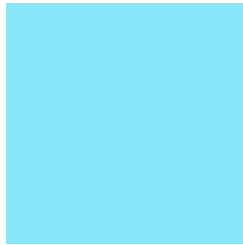


11.1170, 21.1738, -9.3712



# Previews

## White Background



This preview shows how the HunterLab color 82.9166, -25.1685, -13.4330 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

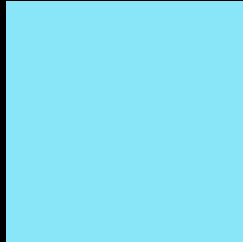
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 82.9166, -25.1685, -13.4330 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

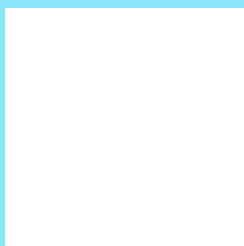
Any Text WCAG AAA ✓ Pass

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

## HunterLab 82.9166, -25.1685, -13.4330 Background



This preview shows how black text looks on a background with the HunterLab color 82.9166, -25.1685, -13.4330.



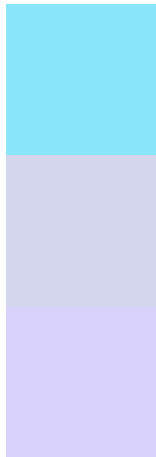
This preview shows how white text looks on a background with the HunterLab color 82.9166,

-25.1685, -13.4330.

# 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

82.9166, -25.1685, -13.4330

### Protanopia

82.6216, -0.6355, -7.1467

### Deuteranopia

82.4238, 6.0353, -15.9516



## Tritanopia

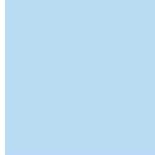
82.9166, -25.1685, -13.4330

# Trichromacy



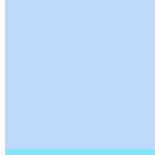
## Original Color

82.9166, -25.1685, -13.4330



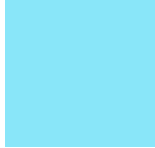
## Protanomaly

82.4084, -10.7264, -9.8463



## Deuteranomaly

82.0642, -6.3128, -16.0803



## Tritanomaly

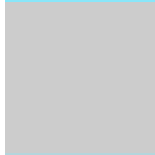
82.9166, -25.1685, -13.4330

# Monochromacy



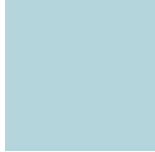
## Original Color

82.9166, -25.1685, -13.4330



## Achromatopsia

77.7063, -4.1462, 4.2219



## Achromatomaly

79.0311, -12.8729, -2.3237

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 82.9166, -25.1685, -13.4330 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(137, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(137, 230, 249)  
}
```

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(137, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(137, 230, 249) }
```

## Border

The CSS property to change the border of an element to HunterLab 82.9166, -25.1685, -13.4330 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(137, 230, 249) }
```



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

```
.border{ border-color:rgb(137, 230, 249) }
```

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

Here you see how a box with a 4 pixel rgb(137, 230, 249) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(137, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(137, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(137, 230,  
249) }
```

# Background

The CSS property to change the background color of an element to HunterLab 82.9166, -25.1685, -13.4330 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(137, 230, 249) }
```

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

```
.background{ background-color: rgb(137,  
230, 249) }
```

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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