

# Converting Colors

HunterLab(86.2909, -61.8632,  
25.6966)

Have a look what the booklet for  
HunterLab(86.2909, -61.8632,  
25.6966) contains.

<b>HunterLab(86.2904, -61.8295, 25.6167)</b> .....	3
<i><b>Conversions</b></i> .....	4
<i><b>Details</b></i> .....	6
<i><b>Harmonies</b></i> .....	12
<i><b>Previews</b></i> .....	24
<i><b>Color Blindness Simulation</b></i> .....	28
<i><b>CSS Examples</b></i> .....	31

# Color

**HunterLab(86.2904,  
-61.8295, 25.6167)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFAB
RGB	0, 255, 171
RGB Percent	0%, 100%, 67%
CMY	0.9999, 0.0000, 0.3294
CMYK	1.00, 0.00, 0.33, 0.00
HSL	160°, 100%, 50%
HSV	160°, 100%, 100%
XYZ	43.1107, 74.4603, 50.6282
YIQ	169.1790, -125.0160, -80.1840

# Conversions

## Conversions Part 2

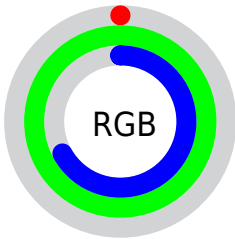
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 153, 255
Decimal	65451
CIELab	89.14, -69.02, 26.33
CIELCh	89, 73.872, 159.119
Yxy	74.4606, 0.2563, 0.4427
Android (android.graphics.Color)	4278255531 (0xFF00FFAB)
YUV	169.1790, 0.8978, -148.3700
Hunter-Lab	86.2904, -61.8295, 25.6167

# Details

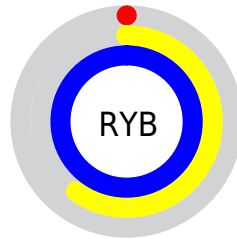
The HunterLab color **86.2904, -61.8295, 25.6167** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.7988, 81.5092, 19.6302**, and the grayscale version is **63.1000, -3.3669, 3.4283**.

A 20% lighter version of the original color is **89.8772, -44.4230, 6.6634**, and **64.2188, -47.7962, 22.9105** is the 20% darker color. If you saturate the color by 10%, you get **86.2902, -61.8306, 25.6193**, and if you desaturate by 10%, it is **86.6052, -60.1467, 22.9693**.

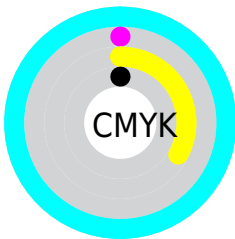
# Distribution



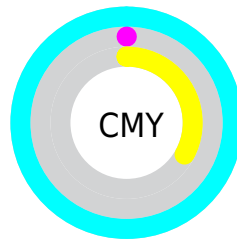
- Red (0%)
- Green (100%)
- Blue (67%)



- Red (0%)
- Yellow (60%)
- Blue (100%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.2904, -61.8295, 25.6167 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 86.2904, -61.8295, 25.6167 by changing the saturation by 10% instead.





 86.2904, -61.8295,  
25.6167


 86.2904, -61.8295,  
25.6167


218.1883,  
-95.5081, 42.4259


 74.2772, -57.4882,  
23.6258


 112.0484,  
-70.0202, 29.4811


 62.8798, -52.9400,  
21.5825


 125.7441,  
-73.9202, 31.3719

 52.1336, -48.1373,  
19.4704


 139.9563,  
-77.7140, 33.2427

 42.0806, -43.0157,  
17.2678

 154.6669,  
-81.4158, 35.0979

 32.7725, -37.4854,  
14.9436

 169.8597,  
-85.0372, 36.9411

 24.2746, -31.4159,  
12.4523

185.5197,

 16.6729, -25.6550,

-88.5878, 38.7753

10.0129

201.6334,  
-92.0758, 40.6028

■ 10.0891, -17.6560,  
7.0624

0.0000, NaN, NaN

■ 86.2904, -61.8295,  
25.6167

■ 86.2904, -61.8295,  
25.6167

■ 86.2902, -61.8306,  
25.6193

■ 86.6052, -60.1467,  
22.9693

■ 87.0902, -57.7515,  
20.3390

■ 87.7914, -54.4741,  
17.7904

■ 88.7330, -50.2441,  
15.3710

■ 89.9319, -45.0332,  
13.1223

■ 91.3989, -38.8470,  
11.0797

■ 93.1399, -31.7195,  
9.2715

■ 95.1563, -23.7067,  
7.7192

■ 97.4459, -14.8807,  
6.4370

# Harmonies

## Analogous

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



86.2905, -45.2923, 42.5895



86.2904, -61.8295, 25.6167



86.2905, -64.5295, -6.8084

# Triad

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



86.2905, -61.8286, 25.6160



86.2905, 7.0330, -93.2305



86.2905, 58.2554, 37.5647

# Complementary

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



86.2904, -61.8295, 25.6167



46.7988, 81.5092, 19.6302

# 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.



86.2905, 78.0654, 14.8083



86.2904, -61.8295, 25.6167



86.2905, 45.3655, -66.6060

# Square

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



86.2905, -61.8286, 25.6160



86.2905, -28.6725, -86.2357



86.2905, 72.9856, -23.2735



86.2905, 22.4199, 47.1751



# Rectangle

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



86.2904, -61.8295, 25.6167



86.2905, -58.6687, -35.4502



86.2905, 72.9856, -23.2735



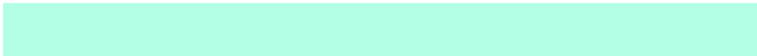
86.2905, 67.2639, 31.7002

# Sweetspot

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



86.2905, -61.8286, 25.6160



93.1376, -31.7291, 9.2736



85.7044, -67.6968, 51.6248



42.7346, -16.1211, 4.6292

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

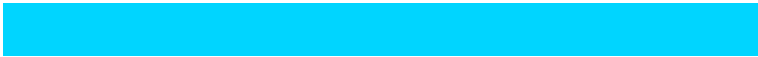
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.2905, -61.8286, 25.6160



86.2902, -61.8306, 25.6193



73.8649, -28.4431, -30.9226



45.1372, -6.6784, 2.9526



62.3985, -44.5532, 18.1848



19.5224, -13.5846, 4.9240



# Inverse Universe

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



46.7988, 81.5092, 19.6302



46.7977, 81.5105, 19.6349



47.9099, 72.9627, 30.7981



42.5274, 2.2035, 1.9335



33.8641, 59.0532, 13.6657

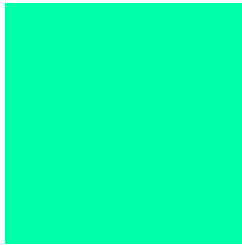


10.6573, 18.7590, 2.9478



# Previews

## White Background



This preview shows how the HunterLab color 86.2904, -61.8295, 25.6167 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

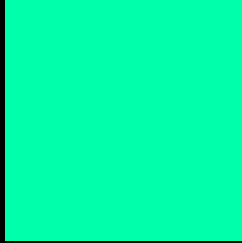
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.2904, -61.8295, 25.6167 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

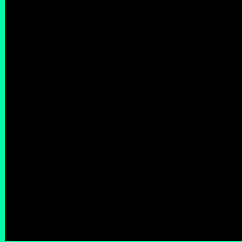
Any Text WCAG AA ✓ Pass

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 86.2904, -61.8295, 25.6167 Background



This preview shows how black text looks on a background with the HunterLab color 86.2904, -61.8295, 25.6167.



This preview shows how white text looks on a background with the HunterLab color 86.2904,

-61.8295, 25.6167.

# Color Blindness Simulation

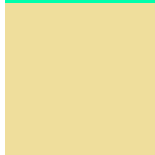
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



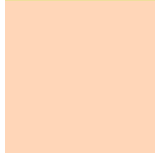
### Original Color

86.2904, -61.8295, 25.6167



### Protanopia

85.4363, -8.0305, 30.6778



### Deuteranopia

85.3310, 5.3388, 21.1656



## Tritanopia

85.9410, -29.0326, -12.8210

# Trichromacy



## Original Color

86.2904, -61.8295, 25.6167



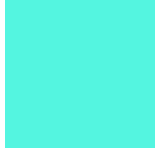
## Protanomaly

82.5192, -38.8376, 25.9415



## Deuteranomaly

81.8381, -31.8559, 18.9731



## Tritanomaly

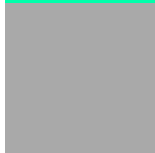
85.1889, -44.8097, 2.6271

# Monochromacy



## Original Color

86.2904, -61.8295, 25.6167



## Achromatopsia

62.9885, -3.3609, 3.4223



## Achromatomaly

68.8469, -32.0855, 9.1104

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.2904, -61.8295, 25.6167 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(0, 255, 171)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 171)  
}
```

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(0, 255, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 171) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.2904, -61.8295, 25.6167 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(0, 255, 171) }
```



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

```
.border{ border-color:rgb(0, 255, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 255, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 171);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
171) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.2904, -61.8295, 25.6167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 255, 171) }
```

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

```
.background{ background-color: rgb(0, 255,  
171) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor