

# Converting Colors

HunterLab(86.1318, -62.8601,  
28.8922)

Have a look what the booklet for  
HunterLab(86.1318, -62.8601,  
28.8922) contains.

<b>HunterLab(86.1521, -62.8288, 28.7817)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(86.1521,  
-62.8288, 28.7817)**

# Conversions

## Conversions Part 1

Format	Color
Hex	12FFA1
RGB	18, 255, 161
RGB Percent	7%, 100%, 63%
CMY	0.9293, 0.0000, 0.3686
CMYK	0.93, 0.00, 0.37, 0.00
HSL	156°, 100%, 54%
HSV	156°, 93%, 100%
XYZ	42.4425, 74.2218, 45.8075
YIQ	173.4210, -111.0780, -79.4780

# Conversions

## Conversions Part 2

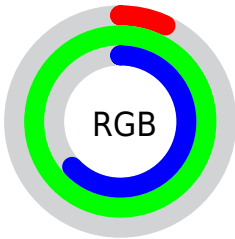
<b>Format</b>	<b>Color</b>
<b>RYB</b>	18, 166, 255
Decimal	1245089
CIELab	89.03, -70.53, 31.22
CIELCh	89, 77.132, 156.124
Yxy	74.2221, 0.2612, 0.4568
Android (android.graphics.Color)	4279435169 (0xFF12FFA1)
YUV	173.4210, -6.1236, -136.3042
Hunter-Lab	86.1521, -62.8288, 28.7817

# Details

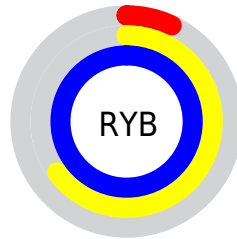
The HunterLab color **86.1521, -62.8288, 28.7817** is a dark color, and the websafe version is hex **00FF99**. The color can be described as middle washed spring green. A complement of this color would be **47.8158, 82.0046, 11.8854**, and the grayscale version is **64.8790, -3.4618, 3.5250**.

A 20% lighter version of the original color is **89.6267, -46.0625, 11.4449**, and **64.0598, -48.7781, 25.2287** is the 20% darker color. If you saturate the color by 10%, you get **85.9350, -64.0170, 30.7830**, and if you desaturate by 10%, it is **86.5966, -60.5588, 25.8811**.

# Distribution



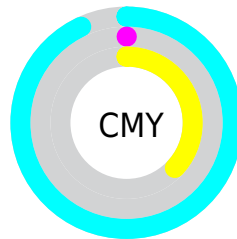
- Red (7%)
- Green (100%)
- Blue (63%)



- Red (7%)
- Yellow (65%)
- Blue (100%)



- Cyan (93%)
- Magenta (0%)
- Yellow (37%)
- Black (0%)




- Cyan (93%)
- Magenta (0%)
- Yellow (37%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.1521, -62.8288, 28.7817 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 86.1521, -62.8288, 28.7817 by changing the saturation by 10% instead.





 86.1521, -62.8288,  
28.7817


 86.1521, -62.8288,  
28.7817


217.9999,  
-97.1468, 47.5384


 74.1457, -58.3965,  
26.5155


 111.8975,  
-71.1858, 33.1503

 62.7554, -53.7507,  
24.1778


 125.5873,  
-75.1624, 35.2741

 52.0167, -48.8424,  
21.7486


 139.7938,  
-79.0292, 37.3673

 41.9717, -43.6057,  
19.2016

 154.4989,  
-82.8008, 39.4353

 32.6724, -37.9483,  
16.5001

 169.6863,  
-86.4892, 41.4830

 24.1840, -31.7370,  
13.5924

185.3412,

 16.5930, -26.0221,

-90.1042, 43.5140

11.2187

201.4498,  
-93.6544, 45.5316

■ 10.0216, -17.5377,  
7.0151

0.0000, NaN, NaN

■ 86.1521, -62.8288,  
28.7817

■ 86.1521, -62.8288,  
28.7817


■ 85.9350, -64.0170,  
30.7830


■ 86.5966, -60.5588,  
25.8811


■ 87.2535, -57.4019,  
22.9698


■ 88.1499, -53.2742,  
20.0976


■ 89.3047, -48.1386,  
17.3111

 90.7299, -41.9956,  
14.6521

 92.4324, -34.8764,  
12.1573

 94.4144, -26.8365,  
9.8572

 96.6740, -17.9489,  
7.7754

 99.2065, -8.2983,  
5.9287

# Harmonies

## Analogous

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



86.1522, -44.3706, 44.6099



86.1521, -62.8288, 28.7817



86.1522, -67.0122, -3.2427

# Triad

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



86.1522, -62.8280, 28.7810



86.1522, 3.5151, -100.1283



86.1522, 64.4315, 36.9477

# Complementary

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



86.1521, -62.8288, 28.7817



47.8158, 82.0046, 11.8854

# 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.



86.1522, 82.9781, 11.9326



86.1521, -62.8288, 28.7817



86.1522, 44.0160, -74.7330

# Square

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



86.1522, -62.8280, 28.7810



86.1522, -32.8034, -88.8989



86.1522, 74.9129, -29.3207



86.1522, 27.7711, 47.6516



# Rectangle

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



86.1521, -62.8288, 28.7817



86.1522, -61.9419, -32.8408



86.1522, 74.9129, -29.3207



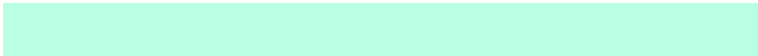
86.1522, 73.2615, 30.4810

# Sweetspot

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



86.1522, -62.8280, 28.7810



93.3753, -31.0210, 10.9967



86.6383, -63.7349, 51.8781



42.8164, -15.9176, 5.5560

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

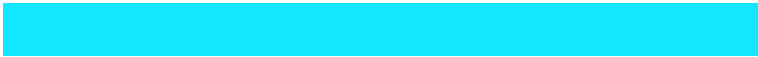
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.1522, -62.8280, 28.7810



85.9350, -64.0170, 30.7830



80.4176, -36.4945, -20.8381



45.1135, -6.8108, 3.2918



62.1430, -46.1248, 21.8969



19.4464, -14.0509, 6.0256



# Inverse Universe

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



47.8158, 82.0046, 11.8854



47.1195, 82.6935, 14.9436



47.8955, 73.3351, 30.0873



42.5517, 2.3340, 1.5872



34.1008, 59.9230, 10.2184

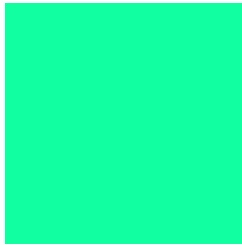


10.7380, 19.0544, 1.7823



# Previews

## White Background



This preview shows how the HunterLab color 86.1521, -62.8288, 28.7817 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

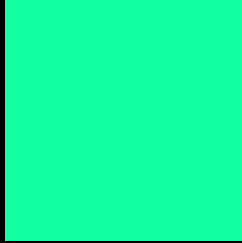
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.1521, -62.8288, 28.7817 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

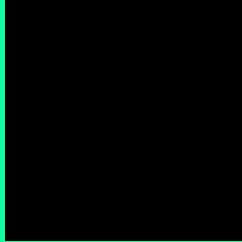
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

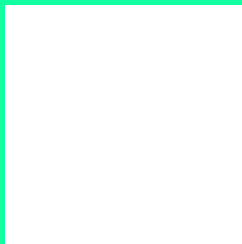
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.1521, -62.8288, 28.7817 Background



This preview shows how black text looks on a background with the HunterLab color 86.1521, -62.8288, 28.7817.



This preview shows how white text looks on a background with the HunterLab color 86.1521, -62.8288, 28.7817.

-62.8288, 28.7817.

# Color Blindness Simulation

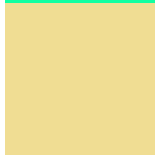
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



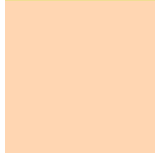
### Original Color

86.1521, -62.8288, 28.7817



### Protanopia

85.0557, -8.1178, 33.0270



### Deuteranopia

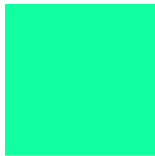
85.1866, 4.5635, 23.2562



## Tritanopia

85.8480, -29.3827, -12.9550

# Trichromacy



## Original Color

86.1521, -62.8288, 28.7817



## Protanomaly

82.4110, -37.8603, 28.7469



## Deuteranomaly

82.1293, -31.0834, 21.8875



## Tritanomaly

85.2345, -44.8190, 4.1521

# Monochromacy



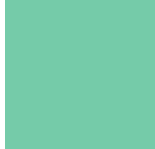
## Original Color

86.1521, -62.8288, 28.7817



## Achromatopsia

64.6440, -3.4492, 3.5122



## Achromatomaly

70.2555, -31.8532, 11.0560

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.1521, -62.8288, 28.7817 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(18, 255, 161)` looks like.

```
.text, #text, p{  
    color:rgb(18, 255, 161)  
}
```

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(18, 255, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 255, 161) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.1521, -62.8288, 28.7817 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(18, 255, 161) }
```



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

```
.border{ border-color:rgb(18, 255, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 255, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 255, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 255, 161);  
box-shadow:4px 4px 4px 4px rgb(18, 255,  
161) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.1521, -62.8288, 28.7817 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 255, 161) }
```

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

```
.background{ background-color: rgb(18, 255,  
161) }
```

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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