

# Converting Colors

HunterLab(93.3466, -80.3639,  
30.8162)

Have a look what the booklet for  
HunterLab(93.3466, -80.3639,  
30.8162) contains.

<b>HunterLab(86.3574, -61.4180, 24.6447)</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(86.3574,  
-61.4180, 24.6447)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00FFAE
RGB	0, 255, 174
RGB Percent	0%, 100%, 68%
CMY	0.9999, 0.0000, 0.3176
CMYK	1.00, 0.00, 0.32, 0.00
HSL	161°, 100%, 50%
HSV	161°, 100%, 100%
XYZ	43.4000, 74.5760, 52.1516
YIQ	169.5210, -125.9790, -79.2510

# Conversions

## Conversions Part 2

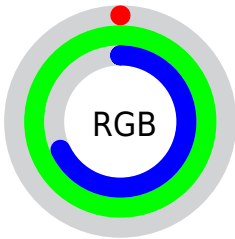
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 152, 255
Decimal	65454
CIELab	89.19, -68.40, 24.89
CIELCh	89, 72.784, 160.007
Yxy	74.5763, 0.2551, 0.4383
Android (android.graphics.Color)	4278255534 (0xFF00FFAE)
YUV	169.5210, 2.2081, -148.6699
Hunter-Lab	86.3574, -61.4180, 24.6447

# Details

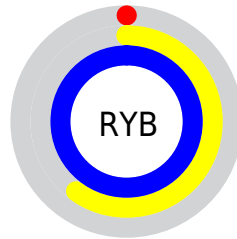
The HunterLab color **86.3574, -61.4180, 24.6447** is a dark color, and the websafe version is hex **33FF99**. The color can be described as middle saturated spring green. A complement of this color would be **46.7497, 81.3279, 20.3499**, and the grayscale version is **63.2367, -3.3742, 3.4358**.

A 20% lighter version of the original color is **89.9701, -43.8732, 5.3367**, and **64.2752, -47.4485, 22.0892** is the 20% darker color. If you saturate the color by 10%, you get **86.3572, -61.4192, 24.6475**, and if you desaturate by 10%, it is **86.6690, -59.7560, 22.0452**.

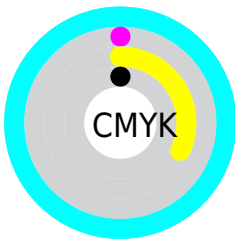
# Distribution



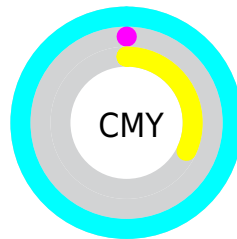
- Red (0%)
- Green (100%)
- Blue (68%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (32%)
- Black (0%)




- Cyan (100%)
- Magenta (0%)
- Yellow (32%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.3574, -61.4180, 24.6447 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 86.3574, -61.4180, 24.6447 by changing the saturation by 10% instead.





 86.3574, -61.4180,  
24.6447


 86.3574, -61.4180,  
24.6447


218.2796,  
-94.8331, 40.8866


 74.3410, -57.1142,  
22.7340


 112.1216,  
-69.5402, 28.3624

 62.9401, -52.6064,  
20.7764


 125.8201,  
-73.4086, 30.1854


 52.1902, -47.8472,  
18.7567


 140.0350,  
-77.1723, 31.9914

 42.1334, -42.7734,  
16.6546

 154.7484,  
-80.8454, 33.7846

 32.8211, -37.2957,  
14.4411

 169.9437,  
-84.4391, 35.5682

 24.3185, -31.2849,  
12.0728

185.6062,

 16.7116, -25.5074,

-87.9631, 37.3450

9.6622

201.7223,  
-91.4255, 39.1171

■ 10.1219, -17.7134,  
7.0853

0.0000, NaN, NaN

■ 86.3574, -61.4180,  
24.6447

■ 86.3574, -61.4180,  
24.6447

■ 86.3572, -61.4192,  
24.6475

■ 86.6690, -59.7560,  
22.0452

■ 87.1501, -57.3873,  
19.4752

■ 87.8463, -54.1420,  
16.9992

■ 88.7822, -49.9495,  
14.6645

■ 89.9745, -44.7807,  
12.5118

■ 91.4343, -38.6406,  
10.5754

■ 93.1673, -31.5621,  
8.8826

■ 95.1751, -23.6005,  
7.4537

■ 97.4556, -14.8269,  
6.3015

# Harmonies

## Analogous

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



86.3576, -45.4514, 41.9271



86.3574, -61.4180, 24.6447



86.3576, -63.6898, -7.7943

# Triad

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



86.3576, -61.4172, 24.6440



86.3576, 7.9929, -90.9582



86.3576, 56.3480, 37.6746

# Complementary

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



86.3574, -61.4180, 24.6447



46.7497, 81.3279, 20.3499

# 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.



86.3576, 76.4323, 15.5691



86.3574, -61.4180, 24.6447



86.3576, 45.5882, -64.1311

# Square

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



86.3576, -61.4172, 24.6440



86.3576, -27.4362, -85.1480



86.3576, 72.1957, -21.5400



86.3576, 20.8592, 46.9775



# Rectangle

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



86.3574, -61.4180, 24.6447



86.3576, -57.6116, -36.0522



86.3576, 72.1957, -21.5400



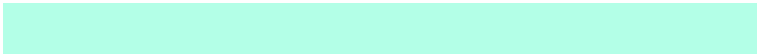
86.3576, 65.3729, 31.9807

# Sweetspot

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



86.3576, -61.4172, 24.6440



93.1647, -31.5724, 8.8848



85.7044, -67.6966, 51.6248



42.7488, -16.0388, 4.4263

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.3576, -61.4172, 24.6440



86.3572, -61.4192, 24.6475



73.8651, -28.4433, -30.9224



45.1414, -6.6552, 2.8930



62.4466, -44.2580, 17.4876



19.5365, -13.4981, 4.7197



# Inverse Universe

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



46.7497, 81.3279, 20.3499



46.7485, 81.3293, 20.3549



47.9101, 72.9622, 30.7981



42.5231, 2.1808, 1.9939



33.8277, 58.9191, 14.1981

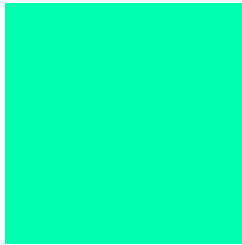


10.6444, 18.7118, 3.1343



# Previews

## White Background



This preview shows how the HunterLab color 86.3574, -61.4180, 24.6447 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

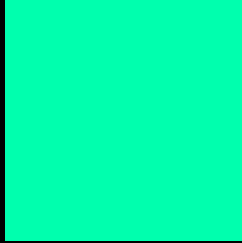
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.3574, -61.4180, 24.6447 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

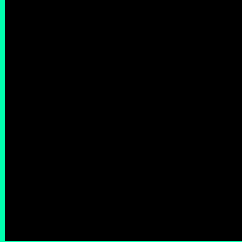
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

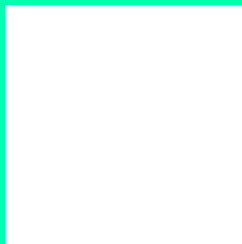
Any Text WCAG AAA ✓ Pass

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

## HunterLab 86.3574, -61.4180, 24.6447 Background



This preview shows how black text looks on a background with the HunterLab color 86.3574, -61.4180, 24.6447.



This preview shows how white text looks on a background with the HunterLab color 86.3574,

-61.4180, 24.6447.

# Color Blindness Simulation

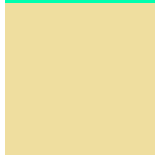
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

## Dichromacy



### Original Color

86.3574, -61.4180, 24.6447



### Protanopia

85.4965, -7.6984, 29.8010



### Deuteranopia

85.3805, 5.6041, 20.4503



## Tritanopia

85.9881, -28.8554, -12.7530

# Trichromacy



## Original Color

86.3574, -61.4180, 24.6447



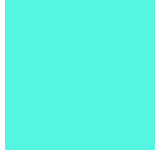
## Protanomaly

82.5841, -38.4552, 24.9995



## Deuteranomaly

81.9130, -31.4203, 17.8911



## Tritanomaly

85.2802, -44.3212, 1.7499

# Monochromacy



## Original Color

86.3574, -61.4180, 24.6447



## Achromatopsia

63.4017, -3.3830, 3.4447



## Achromatomaly

69.2111, -32.3435, 9.0760

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.3574, -61.4180, 24.6447 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, 174)` looks like.

```
.text, #text, p{  
    color:rgb(0, 255, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 255, 174) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.3574, -61.4180, 24.6447 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, 174) }
```



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

```
.border{ border-color:rgb(0, 255, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 255, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 255, 174);  
box-shadow:4px 4px 4px 4px rgb(0, 255,  
174) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.3574, -61.4180, 24.6447 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, 174) }
```

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

```
.background{ background-color: rgb(0, 255,  
174) }
```

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