

# Converting Colors

HunterLab(86.6634, -60.3564,  
26.5126)

Have a look what the booklet for  
HunterLab(86.6634, -60.3564,  
26.5126) contains.

<b>HunterLab(86.6536, -60.4164, 26.6549)</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(86.6536,  
-60.4164, 26.6549)**

# Conversions

## Conversions Part 1

Format	Color
Hex	33FFA9
RGB	51, 255, 169
RGB Percent	20%, 100%, 66%
CMY	0.8000, 0.0000, 0.3372
CMYK	0.80, 0.00, 0.34, 0.00
HSL	155°, 100%, 60%
HSV	155°, 80%, 100%
XYZ	44.2867, 75.0885, 49.6956
YIQ	184.2000, -93.9780, -69.9940

# Conversions

## Conversions Part 2

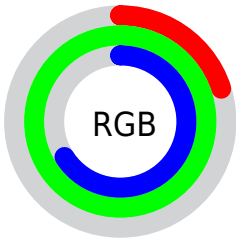
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 180, 255
Decimal	3407785
CIELab	89.43, -66.83, 27.80
CIELCh	89, 72.380, 157.416
Yxy	75.0887, 0.2619, 0.4441
Android (android.graphics.Color)	4281597865 (0xFF33FFA9)
YUV	184.2000, -7.4936, -116.8164
Hunter-Lab	86.6536, -60.4164, 26.6549

# Details

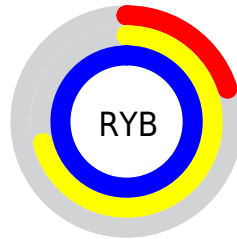
The HunterLab color **86.6536, -60.4164, 26.6549** is a light color, and the websafe version is hex **33FF99**. The color can be described as light washed spring green. A complement of this color would be **50.4327, 77.8802, 4.6142**, and the grayscale version is **69.3767, -3.7018, 3.7694**.

A 20% lighter version of the original color is **90.3892, -42.5440, 8.2272**, and **64.1821, -48.0224, 23.4444** is the 20% darker color. If you saturate the color by 10%, you get **86.1455, -62.9673, 29.6381**, and if you desaturate by 10%, it is **87.3857, -56.9317, 23.6424**.

# Distribution



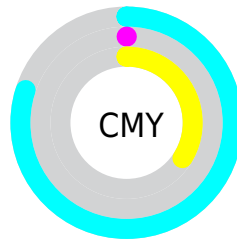
- Red (20%)
- Green (100%)
- Blue (66%)



- Red (20%)
- Yellow (71%)
- Blue (100%)



- Cyan (80%)
- Magenta (0%)
- Yellow (34%)
- Black (0%)




- Cyan (80%)
- Magenta (0%)
- Yellow (34%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 86.6536, -60.4164, 26.6549 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 86.6536, -60.4164, 26.6549 by changing the saturation by 10% instead.





 86.6536, -60.4164,  
26.6549


 86.6536, -60.4164,  
26.6549


218.6829,  
-93.1615, 44.0377


 74.6227, -56.2088,  
24.5838


 112.4446,  
-68.3637, 30.6668


 63.2067, -51.8044,  
22.4552


 126.1558,  
-72.1517, 32.6260

 52.4407, -47.1574,  
20.2516


 140.3829,  
-75.8389, 34.5623

 42.3666, -42.2066,  
17.9501

 155.1080,  
-79.4388, 36.4802

 33.0357, -36.8656,  
15.5184

170.3147,  
-82.9625, 38.3838

 24.5127, -31.0086,  
12.9093


185.9883,

 16.8831, -25.1733,


-86.4192, 40.2762


10.4158


202.1152,  
-89.8166, 42.1601


 10.2671, -17.9674,  
7.1870


0.0000, NaN, NaN


 86.6536, -60.4164,  
26.6549


 86.6536, -60.4164,  
26.6549


 86.1455, -62.9673,  
29.6381


 87.3857, -56.9317,  
23.6424

 85.8152, -64.7570,  
32.5305

 88.3657, -52.4481,  
20.6526

 85.8151, -64.7575,  
32.5314

 89.6103, -46.9404,  
17.7311

 91.1299, -40.4205,  
14.9202

■ 92.9298, -32.9291,  
12.2571

■ 95.0108, -24.5297,  
9.7729

■ 97.3698, -15.3014,  
7.4922

■ 100.0000, -5.3358,  
5.4332

# Harmonies

## Analogous

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



86.6537, -43.3115, 42.7744



86.6536, -60.4164, 26.6549



86.6537, -63.8623, -4.3594

# Triad

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



86.6537, -60.4156, 26.6542



86.6537, 4.6265, -91.1503



86.6537, 58.5166, 36.2871

# Complementary

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



86.6536, -60.4164, 26.6549



50.4327, 77.8802, 4.6142

# 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.



86.6537, 76.6076, 12.9064



86.6536, -60.4164, 26.6549



86.6537, 42.3154, -66.9072

# Square

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



86.6537, -60.4156, 26.6542



86.6537, -29.9876, -82.4414



86.6537, 70.2339, -25.0681



86.6537, 24.0309, 46.5115



# Rectangle

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



86.6536, -60.4164, 26.6549



86.6537, -58.5822, -32.0367



86.6537, 70.2339, -25.0681



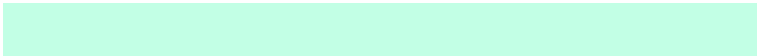
86.6537, 66.9565, 30.1886

# Sweetspot

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



86.6537, -60.4156, 26.6542



94.1441, -27.9962, 10.7442



87.9107, -58.2638, 51.0373



43.2160, -14.3261, 5.3829

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



86.6537, -60.4156, 26.6542



85.9338, -64.1008, 31.3938



84.3042, -39.5704, -15.2812



45.1047, -6.8597, 3.4169



62.0566, -46.6585, 23.1570



19.4202, -14.2118, 6.4057



# Inverse Universe

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



50.4327, 77.8802, 4.6142



47.6264, 82.8890, 11.2019



50.2342, 67.3916, 28.4363



42.5607, 2.3827, 1.4581



34.2013, 60.2913, 8.7624

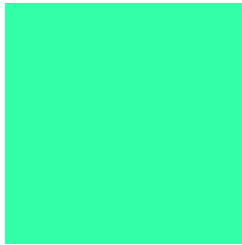


10.7712, 19.1752, 1.3068



# Previews

## White Background



This preview shows how the HunterLab color 86.6536, -60.4164, 26.6549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

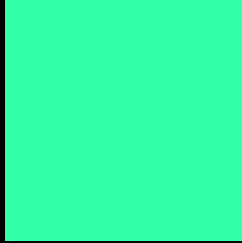
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 86.6536, -60.4164, 26.6549 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

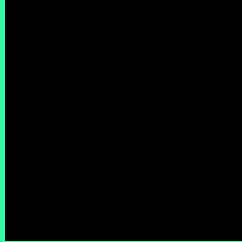
Any Text WCAG AA ✓ Pass

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 86.6536, -60.4164, 26.6549 Background



This preview shows how black text looks on a background with the HunterLab color 86.6536, -60.4164, 26.6549.



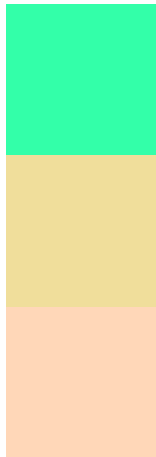
This preview shows how white text looks on a background with the HunterLab color 86.6536, -60.4164, 26.6549.

-60.4164, 26.6549.

# 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

86.6536, -60.4164, 26.6549

### Protanopia

85.5186, -7.7803, 31.0605

### Deuteranopia

85.6280, 4.8118, 21.4487



## Tritanopia

86.2301, -27.9468, -12.4050

# Trichromacy



## Original Color

86.6536, -60.4164, 26.6549



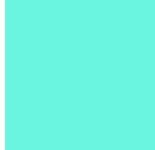
## Protanomaly

83.6909, -34.3510, 27.4075



## Deuteranomaly

83.4698, -27.4078, 20.6604



## Tritanomaly

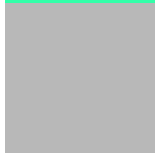
85.8783, -42.0982, 3.4934

# Monochromacy



## Original Color

86.6536, -60.4164, 26.6549



## Achromatopsia

69.2330, -3.6941, 3.7616



## Achromatomaly

73.8797, -29.4165, 10.7836

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 86.6536, -60.4164, 26.6549 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(51, 255, 169)` looks like.

```
.text, #text, p{  
    color:rgb(51, 255, 169)  
}
```

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(51, 255, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 255, 169) }
```

## Border

The CSS property to change the border of an element to HunterLab 86.6536, -60.4164, 26.6549 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(51, 255, 169) }
```



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

```
.border{ border-color:rgb(51, 255, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 255, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 255, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 255, 169);  
box-shadow:4px 4px 4px 4px rgb(51, 255,  
169) }
```

# Background

The CSS property to change the background color of an element to HunterLab 86.6536, -60.4164, 26.6549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 255, 169) }
```

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

```
.background{ background-color: rgb(51, 255,  
169) }
```

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