

# Converting Colors

HunterLab(79.6837, -60.1005,  
31.6915)

Have a look what the booklet for  
HunterLab(79.6837, -60.1005,  
31.6915) contains.

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# Color

**HunterLab(79.7612,  
-60.2311, 31.8670)**

# Conversions

## Conversions Part 1

Format	Color
Hex	1AEF84
RGB	26, 239, 132
RGB Percent	10%, 94%, 52%
CMY	0.8980, 0.0627, 0.4823
CMYK	0.89, 0.00, 0.45, 0.06
HSL	150°, 87%, 52%
HSV	150°, 89%, 94%
XYZ	35.4573, 63.6185, 32.2406
YIQ	163.1150, -92.6010, -78.4330

# Conversions

## Conversions Part 2

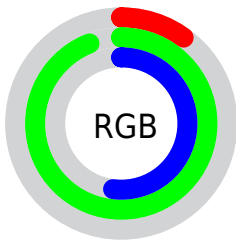
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	26, 168, 239
Decimal	1765252
CIE <sub>Lab</sub>	83.77, -70.09, 38.71
CIE <sub>LCh</sub>	84, 80.071, 151.091
Yxy	63.6211, 0.2700, 0.4845
Android (android.graphics.Color)	4279955332 (0xFF1AEF84)
YUV	163.1150, -15.3397, -120.2499
Hunter-Lab	79.7612, -60.2311, 31.8670

# Details

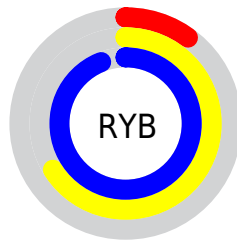
The HunterLab color **79.7612, -60.2311, 31.8670** is a dark color, and the websafe version is hex **33FF99**. The color can be described as dark washed spring green. A complement of this color would be **45.5898, 77.6221, 0.5881**, and the grayscale version is **60.6563, -3.2365, 3.2956**.

A 20% lighter version of the original color is **88.7571, -51.0985, 22.7655**, and **57.9887, -46.1597, 27.1646** is the 20% darker color. If you saturate the color by 10%, you get **79.4386, -61.9808, 34.6032**, and if you desaturate by 10%, it is **80.2652, -57.7062, 28.9556**.

# Distribution



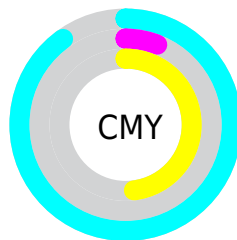
- Red (10%)
- Green (94%)
- Blue (52%)



- Red (10%)
- Yellow (66%)
- Blue (94%)



- Cyan (89%)
- Magenta (0%)
- Yellow (45%)
- Black (6%)



- Cyan (90%)
- Magenta (6%)
- Yellow (48%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.7612, -60.2311, 31.8670 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 79.7612, -60.2311, 31.8670 by changing the saturation by 10% instead.



79.7612, -60.2311,  
31.8670

79.7612, -60.2311,  
31.8670

209.2415,  
-94.8398, 53.8830

68.0763, -55.7197,  
29.1198

104.9119,  
-68.7061, 37.1039

57.0239, -50.9714,  
26.2590

118.3218,  
-72.7248, 39.6220

46.6443, -45.9310,  
23.2572

132.2589,  
-76.6259, 42.0880

36.9843, -40.5206,  
20.0774

146.7040,  
-80.4256, 44.5104

28.1021, -34.6291,  
16.6712

161.6397,  
-84.1367, 46.8958

20.0731, -28.1042,  
13.5820

177.0505,

12.9999, -22.7498,

-87.7703, 49.2500

9.0999

192.9221,  
-91.3354, 51.5778

■ 6.4587, -11.3027,  
4.5211

0.0000, NaN, NaN

■ 79.7612, -60.2311,  
31.8670

■ 79.7612, -60.2311,  
31.8670

■ 79.4386, -61.9808,  
34.6032

■ 80.2652, -57.7062,  
28.9556

■ 79.4139, -62.1167,  
34.8316

■ 80.9842, -54.2643,  
25.9199

■ 81.9413, -49.8501,  
22.8060

■ 83.1510, -44.4484,  
19.6588

■ 84.6220, -38.0776,  
16.5218

■ 86.3583, -30.7832,  
13.4353

■ 88.3595, -22.6315,  
10.4355

■ 90.6223, -13.7024,  
7.5530

■ 93.1401, -4.0837,  
4.8124

# Harmonies

## Analogous

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



79.7628, -39.6622, 44.6347



79.7612, -60.2311, 31.8670



79.7628, -66.6406, 2.9603

# Triad

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



79.7628, -60.2319, 31.8675



79.7628, -2.8157, -106.2032



79.7628, 71.3415, 33.2639

# Complementary

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



79.7612, -60.2311, 31.8670



45.5898, 77.6221, 0.5881

# 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.



79.7628, 86.2593, 5.6989



79.7612, -60.2311, 31.8670



79.7628, 38.6484, -85.0434

# Square

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



79.7628, -60.2319, 31.8675



79.7628, -37.6116, -87.7390



79.7628, 73.2825, -38.8285



79.7628, 35.6695, 45.1227



# Rectangle

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



79.7612, -60.2311, 31.8670



79.7628, -63.2444, -26.1107



79.7628, 73.2825, -38.8285



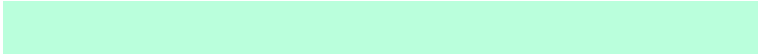
79.7628, 79.2281, 26.1253

# Sweetspot

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



79.7628, -60.2319, 31.8675



93.3633, -31.4291, 13.7987



81.8834, -53.4465, 48.8125



42.8738, -15.8648, 6.9036

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.7628, -60.2319, 31.8675



85.4691, -66.9005, 37.5901



82.4497, -43.9304, -6.7313



42.1753, -6.5385, 3.5657



59.0565, -46.0366, 25.5643



17.0924, -12.9138, 6.5133



# Inverse Universe

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



45.5898, 77.6221, 0.5881



47.7715, 85.0782, 5.5360



43.7973, 70.8758, 26.6055



39.8639, 2.3477, 0.9784



33.0421, 58.9365, 3.1275

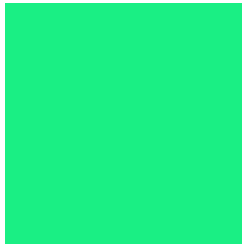


9.6351, 17.3797, -0.5896



# Previews

## White Background



This preview shows how the HunterLab color 79.7612, -60.2311, 31.8670 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 79.7612, -60.2311, 31.8670 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

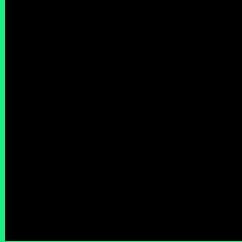
Any Text WCAG AA ✓ Pass

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 79.7612, -60.2311, 31.8670 Background



This preview shows how black text looks on a background with the HunterLab color 79.7612, -60.2311, 31.8670.



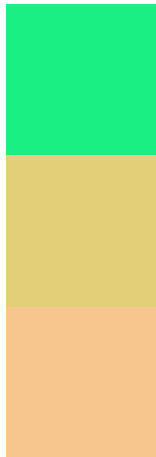
This preview shows how white text looks on a background with the HunterLab color 79.7612, -60.2311, 31.8670.

-60.2311, 31.8670.

# 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

79.7612, -60.2311, 31.8670

### Protanopia

78.9383, -8.3876, 35.1482

### Deuteranopia

78.8133, 5.7458, 29.4131



## Tritanopia

79.4982, -31.4826, -15.3965

# Trichromacy



## Original Color

79.7612, -60.2311, 31.8670



## Protanomaly

76.8038, -36.1064, 31.9736



## Deuteranomaly

75.9203, -28.6623, 27.5022



## Tritanomaly

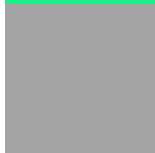
79.1786, -44.4657, 5.7032

# Monochromacy



## Original Color

79.7612, -60.2311, 31.8670



## Achromatopsia

60.5188, -3.2291, 3.2881



## Achromatomaly

65.6044, -30.1663, 13.0504

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.7612, -60.2311, 31.8670 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(26, 239, 132)` looks like.

```
.text, #text, p{  
    color:rgb(26, 239, 132)  
}
```

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(26, 239, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 239, 132) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.7612, -60.2311, 31.8670 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(26, 239, 132) }
```



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

```
.border{ border-color:rgb(26, 239, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 239, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 239, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 239, 132);  
box-shadow:4px 4px 4px 4px rgb(26, 239,  
132) }
```

# Background

The CSS property to change the background color of an element to HunterLab 79.7612, -60.2311, 31.8670 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 239, 132) }
```

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

```
.background{ background-color: rgb(26, 239,  
132) }
```

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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