

# Converting Colors

HunterLab(79.8525, -67.5871,  
47.3990)

Have a look what the booklet for  
HunterLab(79.8525, -67.5871,  
47.3990) contains.

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# Color

**HunterLab(79.8451,  
-67.5860, 47.3753)**

# Conversions

## Conversions Part 1

Format	Color
Hex	17F218
RGB	23, 242, 24
RGB Percent	9%, 95%, 9%
CMY	0.9098, 0.0510, 0.9058
CMYK	0.90, 0.00, 0.90, 0.05
HSL	120°, 89%, 52%
HSV	120°, 90%, 95%
XYZ	32.2704, 63.7524, 11.4688
YIQ	151.6670, -60.5460, -114.2260

# Conversions

## Conversions Part 2

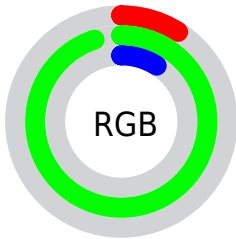
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	23, 241, 242
Decimal	1569304
CIE Lab	83.84, -81.52, 77.68
CIE LCh	84, 112.602, 136.382
Yxy	63.7550, 0.3002, 0.5931
Android (android.graphics.Color)	4279759384 (0xFF17F218)
YUV	151.6670, -62.9398, -112.8410
Hunter-Lab	79.8451, -67.5860, 47.3753

# Details

The HunterLab color **79.8451, -67.5860, 47.3753** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **50.8339, 96.4479, -64.0379**, and the grayscale version is **56.1662, -2.9969, 3.0516**.

A 20% lighter version of the original color is **87.3934, -59.6716, 45.1343**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **79.6927, -68.3255, 47.8861**, and if you desaturate by 10%, it is **80.2061, -65.8712, 46.1939**.

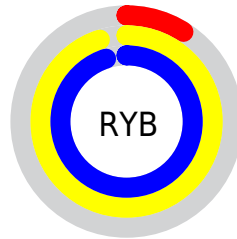
# Distribution



Red (9%)

Green (95%)

Blue (9%)



Red (9%)

Yellow (95%)

Blue (95%)

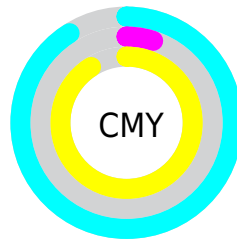


Cyan (90%)

Magenta (0%)

Yellow (90%)

Black (5%)



Cyan (91%)

Magenta (5%)

Yellow (91%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 79.8451, -67.5860, 47.3753 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 79.8451, -67.5860, 47.3753 by changing the saturation by 10% instead.



■ 79.8451, -67.5860,  
47.3753

■ 79.8451, -67.5860,  
47.3753

209.3572,  
-107.1144, 86.5917

■ 68.1559, -62.3732,  
42.2583

■ 105.0039,  
-77.3418, 57.0285

■ 57.0989, -56.8729,  
36.9206

■ 118.4176,  
-81.9504, 61.6056

■ 46.7145, -51.0203,  
31.3521

■ 132.3583,  
-86.4134, 66.0414

■ 37.0492, -44.7262,  
25.9345

■ 146.8068,  
-90.7502, 70.3518

■ 28.1614, -37.8667,  
19.7130

■ 161.7459,  
-94.9766, 74.5508

■ 20.1261, -30.6239,  
14.0883

■ 177.1600,

■ 13.0458, -22.8301,

-99.1056, 78.6503

9.1320

193.0347,  
-103.1485, 82.6609

■ 6.5184, -11.4072,  
4.5629

0.0000, NaN, NaN

■ 79.8451, -67.5860,  
47.3753

■ 79.8451, -67.5860,  
47.3753


■ 79.6927, -68.3255,  
47.8861


■ 80.2061, -65.8712,  
46.1939


■ 80.8283, -62.9248,  
44.1828


■ 81.7446, -58.6344,  
41.2682


■ 82.9764, -52.9553,  
37.4215

 84.5364, -45.9006,  
32.6528

 86.4300, -37.5316,  
27.0045

 88.6566, -27.9460,  
20.5433

 91.2103, -17.2663,  
13.3523

 94.0812, -5.6277,  
5.5231

# Harmonies

## Analogous

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



79.8468, -32.0979, 53.2304



79.8451, -67.5860, 47.3753



79.8468, -83.5599, 24.6833

# Triad

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



79.8468, -67.5871, 47.3756



79.8468, -27.7908, -169.7168



79.8468, 125.5114, 27.9368

# Complementary

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



79.8451, -67.5860, 47.3753



50.8339, 96.4479, -64.0379

# 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.



79.8468, 127.5949, -23.3271



79.8451, -67.5860, 47.3753



79.8468, 27.9953, -166.3541

# Square

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



79.8468, -67.5871, 47.3756



79.8468, -65.1774, -109.0437



79.8468, 88.2242, -101.6636



79.8468, 83.1307, 48.3730



# Rectangle

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



79.8451, -67.5860, 47.3753



79.8468, -84.8458, -7.7358



79.8468, 88.2242, -101.6636



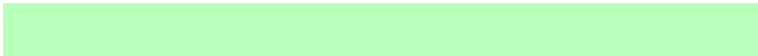
79.8468, 131.2780, 14.7931

# Sweetspot

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



79.8468, -67.5871, 47.3756



92.4895, -36.4888, 26.4052



90.8002, -24.1851, 54.9979



42.4339, -18.4283, 13.2594

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



79.8468, -67.5871, 47.3756



84.5710, -72.5087, 50.8190



80.8509, -61.3338, 32.6054



42.0209, -7.4017, 5.7769



58.4097, -50.0749, 35.0902



16.8482, -14.4352, 10.1027



# Inverse Universe

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



50.8339, 96.4479, -64.0379



53.2953, 104.6738, -69.4670



46.0115, 79.0237, 1.3730



40.0376, 3.2777, -1.4886



36.8095, 72.2965, -47.9901

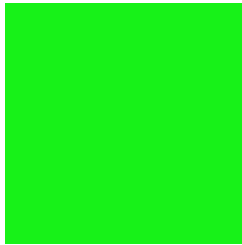


10.6188, 20.8590, -13.8666



# Previews

## White Background



This preview shows how the HunterLab color 79.8451, -67.5860, 47.3753 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

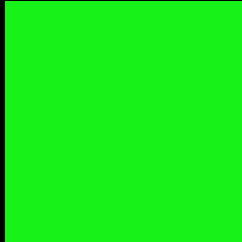
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 79.8451, -67.5860, 47.3753 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

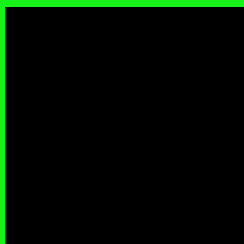
Any Text WCAG AA ✓ Pass

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 79.8451, -67.5860, 47.3753 Background



This preview shows how black text looks on a background with the HunterLab color 79.8451, -67.5860, 47.3753.



This preview shows how white text looks on a background with the HunterLab color 79.8451, -67.5860, 47.3753.

-67.5860, 47.3753.

# 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

79.8451, -67.5860, 47.3753

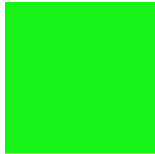
### Deuteranopia

78.6747, 5.1827, 41.6120

### Tritanopia

79.5016, -29.7928, -14.7700

# Trichromacy



## Original Color

79.8451, -67.5860, 47.3753



## Deuteranomaly

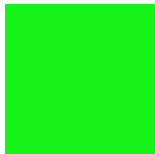
75.2516, -33.1487, 41.8491



## Tritanomaly

78.2637, -50.2682, 21.0957

# Monochromacy



## Original Color

79.8451, -67.5860, 47.3753



## Achromatopsia

56.0347, -2.9899, 3.0445



## Achromatomaly

62.2263, -35.1038, 24.9950

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 79.8451, -67.5860, 47.3753 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(23, 242, 24)` looks like.

```
.text, #text, p{  
    color:rgb(23, 242, 24)  
}
```

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(23, 242, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(23, 242, 24) }
```

## Border

The CSS property to change the border of an element to HunterLab 79.8451, -67.5860, 47.3753 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(23, 242, 24) }
```

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

```
.border{ border-color:rgb(23, 242, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(23, 242, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(23, 242, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(23, 242, 24);  
box-shadow:4px 4px 4px 4px rgb(23, 242,  
24) }
```



# Background

The CSS property to change the background color of an element to HunterLab 79.8451, -67.5860, 47.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(23, 242, 24) }
```

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

```
.background{ background-color: rgb(23, 242,  
24) }
```

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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