

Converting Colors

HunterLab(79.7832, -68.4124,
47.9608)

Have a look what the booklet for
HunterLab(79.7832, -68.4124,
47.9608) contains.

HunterLab(79.6896, -68.3338, 47.9080)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(79.6896,
-68.3338, 47.9080)**

Conversions

Conversions Part 1

Format	Color
Hex	00F200
RGB	0, 242, 0
RGB Percent	0%, 95%, 0%
CMY	1.0000, 0.0510, 0.9999
CMYK	1.00, 0.00, 1.00, 0.05
HSL	120°, 100%, 47%
HSV	120°, 100%, 95%
XYZ	31.7522, 63.5043, 10.5841
YIQ	142.0540, -66.5500, -126.5660

Conversions

Conversions Part 2

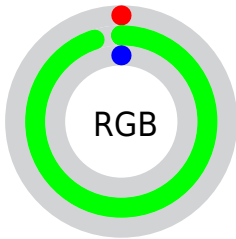
Format	Color
RYB	0, 242, 242
Decimal	61952
CIELab	83.71, -82.84, 79.95
CIELCh	84, 115.124, 136.017
Yxy	63.5070, 0.3000, 0.6000
Android (android.graphics.Color)	4278252032 (0xFF00F200)
YUV	142.0540, -70.0326, -124.5814
Hunter-Lab	79.6896, -68.3338, 47.9080

Details

The HunterLab color **79.6896, -68.3338, 47.9080** is a dark color, and the websafe version is hex **33FF00**. The color can be described as dark saturated green. A complement of this color would be **50.2860, 98.8607, -66.2984**, and the grayscale version is **52.3243, -2.7919, 2.8429**.

A 20% lighter version of the original color is **87.1517, -60.8288, 46.2079**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **79.6913, -68.3349, 47.9083**, and if you desaturate by 10%, it is **79.8564, -67.5448, 47.3735**.

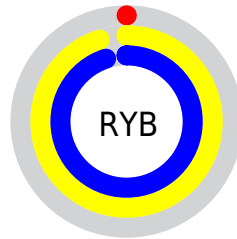
Distribution



Red (0%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (95%)

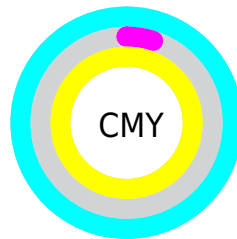


Cyan (100%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (100%)


Magenta (5%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.6896, -68.3338, 47.9080 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 79.6896, -68.3338, 47.9080 by changing the saturation by 10% instead.


 79.6896, -68.3338,
47.9080


 79.6896, -68.3338,
47.9080


209.1428,
-108.4519, 88.1608


 68.0084, -63.0356,
42.6556


 104.8335,
-78.2445, 57.8213


 56.9599, -57.4432,
37.1813


 118.2402,
-82.9240, 62.5220


 46.5844, -51.4908,
31.4832


 132.1742,
-87.4545, 67.0767

 36.9289, -45.0873,
25.8502

 146.6163,
-91.8556, 71.5017

 28.0516, -38.1072,
19.6361

 161.5491,
-96.1434, 75.8111

 20.0280, -30.8380,
14.0196

 176.9571,

 12.9608, -22.6814,

-100.3315, 80.0171

9.0726

192.8260,
-104.4311, 84.1306

■ 6.4074, -11.2129,
4.4852

0.0000, NaN, NaN

■ 79.6896, -68.3338,
47.9080

■ 79.6896, -68.3338,
47.9080


■ 79.6913, -68.3349,
47.9083


■ 79.8564, -67.5448,
47.3735


■ 80.2259, -65.7838,
46.1820


■ 80.8603, -62.7830,
44.1521


■ 81.7907, -58.4313,
41.2091

 83.0379, -52.6862,
37.3245

 84.6145, -45.5632,
32.5090

 86.5256, -37.1254,
26.8058

 88.7702, -27.4724,
20.2824

 91.3422, -16.7278,
13.0229

Harmonies

Analogous

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



79.6913, -32.0741, 53.4564



79.6896, -68.3338, 47.9080



79.6913, -84.6569, 25.4891

Triad

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



79.6913, -68.3349, 47.9083



79.6913, -28.8476, -175.2466



79.6913, 129.3725, 27.9110

Complementary

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



79.6896, -68.3338, 47.9080



50.2860, 98.8607, -66.2984

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.



79.6913, 130.9538, -24.8961



79.6896, -68.3338, 47.9080



79.6913, 27.9928, -172.6718

Square

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



79.6913, -68.3349, 47.9083



79.6913, -66.5430, -111.6231



79.6913, 89.9591, -105.9914



79.6913, 86.1016, 48.6275

Rectangle

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



79.6896, -68.3338, 47.9080



79.6913, -86.0800, -7.2744



79.6913, 89.9591, -105.9914



79.6913, 135.1360, 14.4290

Sweetspot

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



79.6913, -68.3349, 47.9083



91.8037, -39.4789, 28.5013



90.7661, -24.3791, 55.5029



42.0564, -20.0901, 14.4197

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.6913, -68.3349, 47.9083



84.5695, -72.5180, 50.8410



80.5527, -62.9556, 35.2192



42.0196, -7.4093, 5.7965



58.4081, -50.0846, 35.1132



16.8466, -14.4455, 10.1270

Inverse Universe

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



50.2860, 98.8607, -66.2984



53.3643, 104.9124, -70.3568



45.0095, 80.1472, 5.3083



40.0392, 3.2864, -1.5117



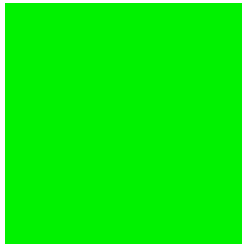
36.8562, 72.4581, -48.5924



10.6304, 20.8991, -14.0162

Previews

White Background



This preview shows how the HunterLab color 79.6896, -68.3338, 47.9080 looks on a white background.

Color Contrast Check

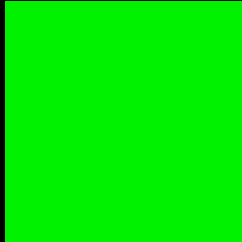
Large Text (above 18pt) WCAG AA × Fail

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 79.6896, -68.3338, 47.9080 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

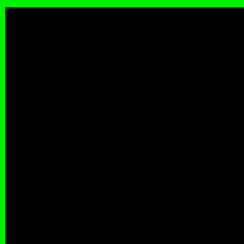
Any Text WCAG AA ✓ Pass

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 79.6896, -68.3338, 47.9080 Background



This preview shows how black text looks on a background with the HunterLab color 79.6896, -68.3338, 47.9080.



This preview shows how white text looks on a background with the HunterLab color 79.6896, -68.3338, 47.9080.

-68.3338, 47.9080.

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

79.6896, -68.3338, 47.9080

Protanopia

78.7079, -10.9255, 48.3082

Deuteranopia

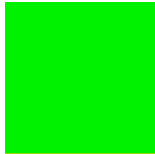
78.6539, 5.0713, 41.9184



Tritanopia

79.4646, -29.9334, -14.8247

Trichromacy



Original Color

79.6896, -68.3338, 47.9080



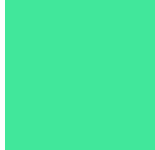
Protanomaly

75.8171, -43.6714, 45.9536



Deuteranomaly

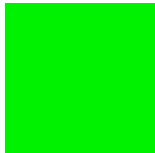
74.5290, -36.0991, 42.4171



Tritanomaly

77.8731, -52.2181, 23.4606

Monochromacy



Original Color

79.6896, -68.3338, 47.9080



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

58.9514, -36.6042, 25.9563

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.6896, -68.3338, 47.9080 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, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 242, 0)  
}
```

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, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 242, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.6896, -68.3338, 47.9080 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, 242, 0) }
```


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

```
.border{ border-color:rgb(0, 242, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 242, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 242, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 242, 0); box-shadow:4px  
4px 4px 4px rgb(0, 242, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.6896, -68.3338, 47.9080 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 242, 0) }
```

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

```
.background{ background-color: rgb(0, 242,  
0) }
```

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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