

Converting Colors

HunterLab(79.8255, -68.2315,
47.9936)

Have a look what the booklet for
HunterLab(79.8255, -68.2315,
47.9936) contains.

HunterLab(79.7342, -68.1427, 47.9389)	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(79.7342,
-68.1427, 47.9389)**

Conversions

Conversions Part 1

Format	Color
Hex	0BF200
RGB	11, 242, 0
RGB Percent	4%, 95%, 0%
CMY	0.9569, 0.0510, 0.9999
CMYK	0.95, 0.00, 1.00, 0.05
HSL	117°, 100%, 47%
HSV	117°, 100%, 95%
XYZ	31.8902, 63.5754, 10.5905
YIQ	145.3430, -59.9940, -124.2340

Conversions

Conversions Part 2

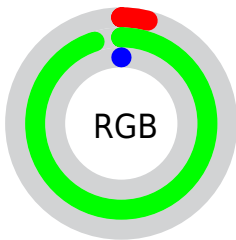
Format	Color
RYB	0, 242, 231
Decimal	782848
CIELab	83.75, -82.50, 79.99
CIELCh	84, 114.911, 135.882
Yxy	63.5781, 0.3007, 0.5994
Android (android.graphics.Color)	4278972928 (0xFF0BF200)
YUV	145.3430, -71.6541, -117.8188
Hunter-Lab	79.7342, -68.1427, 47.9389

Details

The HunterLab color **79.7342, -68.1427, 47.9389** 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 **48.3805, 96.1001, -71.4567**, and the grayscale version is **53.6485, -2.8626, 2.9148**.

A 20% lighter version of the original color is **87.2409, -60.4420, 46.1255**, and **58.5500, -50.2066, 35.1993** is the 20% darker color. If you saturate the color by 10%, you get **79.7357, -68.1447, 47.9398**, and if you desaturate by 10%, it is **79.9473, -67.1569, 47.4370**.

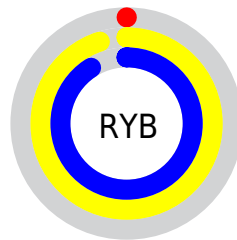
Distribution



Red (4%)

Green (95%)

Blue (0%)



Red (0%)

Yellow (95%)

Blue (91%)

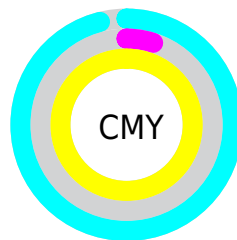


Cyan (95%)

Magenta (0%)

Yellow (100%)

Black (5%)



Cyan (96%)


Magenta (5%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.7342, -68.1427, 47.9389 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 79.7342, -68.1427, 47.9389 by changing the saturation by 10% instead.


 79.7342, -68.1427,
47.9389


 79.7342, -68.1427,
47.9389


209.2043,
-108.1074, 88.2079


 68.0507, -62.8667,
42.6846


 104.8823,
-78.0131, 57.8560


 56.9998, -57.2984,
37.2086


 118.2911,
-82.6741, 62.5585


 46.6217, -51.3720,
31.5086


 132.2270,
-87.1871, 67.1151

 36.9634, -44.9970,
25.8744

 146.6710,
-91.5714, 71.5420

 28.0831, -38.0485,
19.6582

 161.6056,
-95.8433, 75.8531

 20.0561, -30.7841,
14.0393

 177.0153,

 12.9852, -22.7240,

-100.0160, 80.0609

9.0896

192.8859,
-104.1009, 84.1760

■ 6.4394, -11.2690,
4.5076

0.0000, NaN, NaN

■ 79.7342, -68.1427,
47.9389

■ 79.7342, -68.1427,
47.9389

■ 79.7357, -68.1447,
47.9398

■ 79.9473, -67.1569,
47.4370

■ 80.3740, -65.1557,
46.2878

■ 81.0569, -61.9581,
44.2977

■ 82.0214, -57.4775,
41.3889

■ 83.2847, -51.6855,
37.5289

■ 84.8568, -44.6034,
32.7236

■ 86.7415, -36.2930,
27.0101

■ 88.9374, -26.8470,
20.4498

■ 91.4386, -16.3786,
13.1202

Harmonies

Analogous

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



79.7359, -31.8243, 53.4666



79.7342, -68.1427, 47.9389



79.7359, -84.5415, 25.6294

Triad

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



79.7359, -68.1438, 47.9392



79.7359, -29.0288, -174.5767



79.7359, 129.1876, 27.7289

Complementary

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



79.7342, -68.1427, 47.9389



48.3805, 96.1001, -71.4567

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.



79.7359, 130.5560, -25.1527



79.7342, -68.1427, 47.9389



79.7359, 27.6490, -172.3504

Square

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



79.7359, -68.1438, 47.9392



79.7359, -66.5902, -110.9523



79.7359, 89.5097, -106.0813



79.7359, 86.1709, 48.5646

Rectangle

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



79.7342, -68.1427, 47.9389



79.7359, -86.0127, -6.9750



79.7359, 89.5097, -106.0813



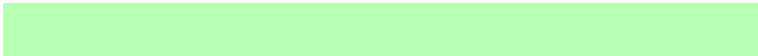
79.7359, 134.8678, 14.2073

Sweetspot

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



79.7359, -68.1438, 47.9392



92.0302, -38.6073, 28.7276



86.8443, -18.6019, 53.1867



42.1681, -19.6552, 14.5276

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.7359, -68.1438, 47.9392



84.6138, -72.3285, 50.8724



80.3800, -64.0289, 37.7534



42.0601, -7.2635, 5.8439



58.4540, -49.8882, 35.1457



16.8951, -14.2380, 10.1615

Inverse Universe

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



48.3805, 96.1001, -71.4567



51.3354, 101.9774, -75.8495



45.3602, 81.4169, 0.3155



39.9910, 3.1250, -1.5768



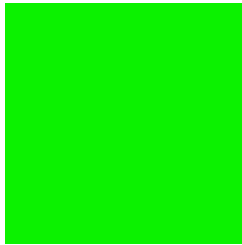
35.4825, 70.4706, -52.3093



10.2887, 20.4043, -14.9371

Previews

White Background



This preview shows how the HunterLab color 79.7342, -68.1427, 47.9389 looks on a white background.

Color Contrast Check

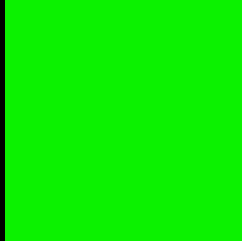
Large Text (above 18pt) WCAG AA × Fail

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 79.7342, -68.1427, 47.9389 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

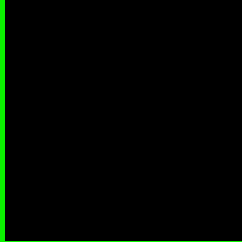
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

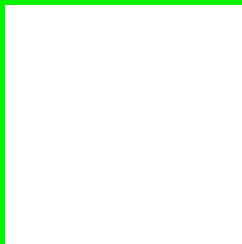
Any Text WCAG AAA ✓ Pass

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

HunterLab 79.7342, -68.1427, 47.9389 Background



This preview shows how black text looks on a background with the HunterLab color 79.7342, -68.1427, 47.9389.



This preview shows how white text looks on a background with the HunterLab color 79.7342, -68.1427, 47.9389.

-68.1427, 47.9389.

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

79.7342, -68.1427, 47.9389

Protanopia

78.7079, -10.9255, 48.3082

Deuteranopia

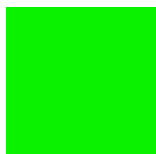
78.6539, 5.0713, 41.9184



Tritanopia

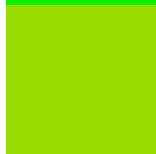
79.4646, -29.9334, -14.8247

Trichromacy



Original Color

79.7342, -68.1427, 47.9389



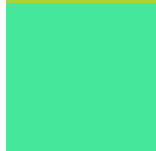
Protanomaly

76.0669, -42.6736, 46.1250



Deuteranomaly

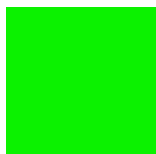
74.8140, -34.9874, 42.6231



Tritanomaly

77.9638, -51.8467, 23.5505

Monochromacy



Original Color

79.7342, -68.1427, 47.9389



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

59.9183, -36.1096, 26.2702

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.7342, -68.1427, 47.9389 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(11, 242, 0)` looks like.

```
.text, #text, p{  
    color:rgb(11, 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(11, 242, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(11, 242, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 79.7342, -68.1427, 47.9389 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(11, 242, 0) }
```


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

```
.border{ border-color:rgb(11, 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(11, 242, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(11, 242, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(11, 242, 0);  
box-shadow:4px 4px 4px 4px rgb(11, 242, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 79.7342, -68.1427, 47.9389 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(11, 242, 0) }
```

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

```
.background{ background-color: rgb(11, 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](#).

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