

Converting Colors

HunterLab(79.4508, -63.7228,
38.2526)

Have a look what the booklet for
HunterLab(79.4508, -63.7228,
38.2526) contains.

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Color

**HunterLab(79.5610,
-63.8294, 38.3451)**

Conversions

Conversions Part 1

Format	Color
Hex	00F067
RGB	0, 240, 103
RGB Percent	0%, 94%, 40%
CMY	1.0000, 0.0588, 0.5961
CMYK	1.00, 0.00, 0.57, 0.06
HSL	146°, 100%, 47%
HSV	146°, 100%, 94%
XYZ	33.6083, 63.2995, 23.2787
YIQ	152.6220, -99.0630, -93.4870

Conversions

Conversions Part 2

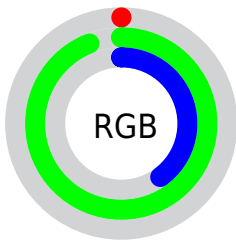
Format	Color
RYB	0, 168, 240
Decimal	61543
CIELab	83.60, -75.74, 52.13
CIELCh	84, 91.949, 145.460
Yxy	63.3021, 0.2796, 0.5267
Android (android.graphics.Color)	4278251623 (0xFF00F067)
YUV	152.6220, -24.4636, -133.8495
Hunter-Lab	79.5610, -63.8294, 38.3451

Details

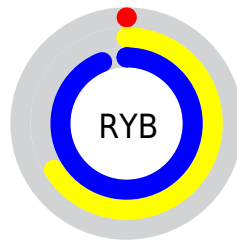
The HunterLab color **79.5610, -63.8294, 38.3451** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark saturated spring green. A complement of this color would be **45.0919, 81.2259, -1.9176**, and the grayscale version is **56.4142, -3.0101, 3.0651**.

A 20% lighter version of the original color is **87.9767, -55.4988, 31.7421**, and **58.0324, -48.3987, 31.9433** is the 20% darker color. If you saturate the color by 10%, you get **79.5625, -63.8311, 38.3467**, and if you desaturate by 10%, it is **79.8714, -62.1548, 35.7028**.

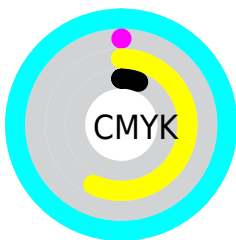
Distribution



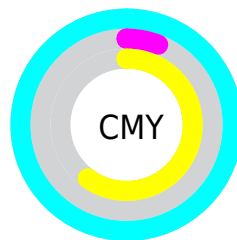
- Red (0%)
- Green (94%)
- Blue (40%)



- Red (0%)
- Yellow (66%)
- Blue (94%)



- Cyan (100%)
- Magenta (0%)
- Yellow (57%)
- Black (6%)





- Cyan (100%)
- Magenta (6%)
- Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.5610, -63.8294, 38.3451 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 79.5610, -63.8294, 38.3451 by changing the saturation by 10% instead.


 79.5610, -63.8294,
38.3451


 79.5610, -63.8294,
38.3451


208.9653,
-100.8799, 66.1702


 67.8864, -58.9680,
34.7752


 104.6925,
-72.9418, 45.0920


 56.8449, -53.8438,
31.0395


 118.0935,
-77.2535, 48.3076


 46.4769, -48.3962,
27.1060


 132.0220,
-81.4336, 51.4382

 36.8294, -42.5407,
22.9373

 146.4587,
-85.4996, 54.4957

 27.9608, -36.1587,
18.7128

 161.3863,
-89.4662, 57.4901

 19.9468, -29.2299,
13.9628

176.7893,

 12.8906, -22.5586,

-93.3452, 60.4295

9.0234

192.6533,
-97.1470, 63.3209

■ 6.3140, -11.0494,
4.4198

0.0000, NaN, NaN

■ 79.5610, -63.8294,
38.3451

■ 79.5610, -63.8294,
38.3451

■ 79.5625, -63.8311,
38.3467

■ 79.8714, -62.1548,
35.7028

■ 80.3579, -59.6876,
32.7836

■ 81.0665, -56.2633,
29.6390

■ 82.0196, -51.8213,
26.3125

■ 83.2325, -46.3444,
22.8499

■ 84.7141, -39.8519,
19.2982

■ 86.4688, -32.3918,
15.7033

■ 88.4960, -24.0343,
12.1085

■ 90.7921, -14.8646,
8.5530

Harmonies

Analogous

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



79.5626, -38.2068, 48.6142



79.5610, -63.8294, 38.3451



79.5626, -73.5635, 10.5883

Triad

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



79.5626, -63.8303, 38.3455



79.5626, -10.9987, -129.6271



79.5626, 90.1786, 32.2612

Complementary

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



79.5610, -63.8294, 38.3451



45.0919, 81.2259, -1.9176

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.



79.5626, 101.9837, -2.4802



79.5610, -63.8294, 38.3451



79.5626, 36.5735, -111.9788

Square

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



79.5626, -63.8303, 38.3455



79.5626, -47.6948, -98.0147



79.5626, 80.5402, -58.0865



79.5626, 51.1388, 46.7249

Rectangle

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



79.5610, -63.8294, 38.3451



79.5626, -71.7746, -20.9513



79.5626, 80.5402, -58.0865



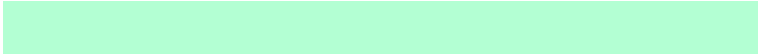
79.5626, 97.7875, 23.3345

Sweetspot

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



79.5626, -63.8303, 38.3455



92.6088, -34.7868, 16.8617



82.4007, -53.2670, 49.8422



42.4613, -17.7124, 8.5558

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.5626, -63.8303, 38.3455



85.2253, -68.4165, 41.1674



82.1525, -47.9895, 0.9125



42.1533, -6.6615, 3.8806



58.8868, -47.0914, 28.0536



17.0420, -13.2255, 7.2490

Inverse Universe

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



45.0919, 81.2259, -1.9176



48.2927, 86.9722, -1.8903



43.1008, 73.9272, 26.9416



39.8874, 2.4739, 0.6437



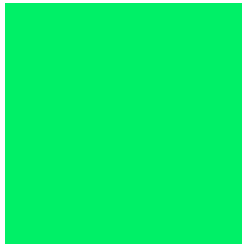
33.4021, 60.2437, -1.9943



9.7368, 17.7470, -2.0213

Previews

White Background



This preview shows how the HunterLab color 79.5610, -63.8294, 38.3451 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 79.5610, -63.8294, 38.3451 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 79.5610, -63.8294, 38.3451 Background



This preview shows how black text looks on a background with the HunterLab color 79.5610, -63.8294, 38.3451.



This preview shows how white text looks on a background with the HunterLab color 79.5610, -63.8294, 38.3451.

-63.8294, 38.3451.

Color Blindness Simulation

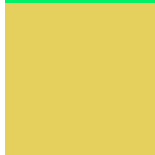
Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

79.5610, -63.8294, 38.3451



Protanopia

78.7870, -9.6404, 40.5862



Deuteranopia

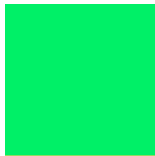
78.6548, 5.7937, 36.3418



Tritanopia

79.2223, -30.7796, -15.7765

Trichromacy



Original Color

79.5610, -63.8294, 38.3451



Protanomaly

75.9191, -40.3551, 37.2424



Deuteranomaly

74.9732, -33.2056, 33.7238



Tritanomaly

78.3611, -46.5028, 9.2983

Monochromacy



Original Color

79.5610, -63.8294, 38.3451



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

62.4408, -33.0815, 16.1316

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.5610, -63.8294, 38.3451 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, 240, 103)` looks like.

```
.text, #text, p{  
  color:rgb(0, 240, 103)  
}
```

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, 240, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 79.5610, -63.8294, 38.3451 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, 240, 103) }
```


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

```
.border{ border-color:rgb(0, 240, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 240, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.5610, -63.8294, 38.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 240, 103) }
```

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

```
.background{ background-color: rgb(0, 240,  
103) }
```

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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