

Converting Colors

HunterLab(78.8435, -63.6937,
39.2544)

Have a look what the booklet for
HunterLab(78.8435, -63.6937,
39.2544) contains.

HunterLab(78.7531, -63.6379, 39.2624)	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(78.7531,
-63.6379, 39.2624)**

Conversions

Conversions Part 1

Format	Color
Hex	07EE5F
RGB	7, 238, 95
RGB Percent	3%, 93%, 37%
CMY	0.9725, 0.0667, 0.6274
CMYK	0.97, 0.00, 0.60, 0.07
HSL	143°, 94%, 48%
HSV	143°, 97%, 93%
XYZ	32.7278, 62.0205, 21.0727
YIQ	152.6290, -91.7730, -93.4450

Conversions

Conversions Part 2

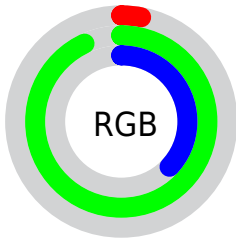
Format	Color
RYB	7, 174, 238
Decimal	519775
CIELab	82.93, -75.95, 54.87
CIELCh	83, 93.695, 144.151
Yxy	62.0230, 0.2826, 0.5355
Android (android.graphics.Color)	4278709855 (0xFF07EE5F)
YUV	152.6290, -28.4111, -127.7166
Hunter-Lab	78.7531, -63.6379, 39.2624

Details

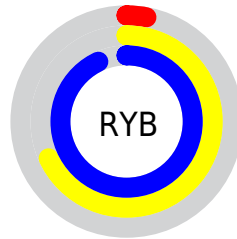
The HunterLab color **78.7531, -63.6379, 39.2624** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **45.3128, 81.5965, -8.4113**, and the grayscale version is **56.4305, -3.0110, 3.0660**.

A 20% lighter version of the original color is **87.8639, -56.2578, 33.9695**, and **57.2617, -48.1886, 32.4533** is the 20% darker color. If you saturate the color by 10%, you get **78.6772, -64.0647, 39.9576**, and if you desaturate by 10%, it is **79.0949, -61.8311, 36.6533**.

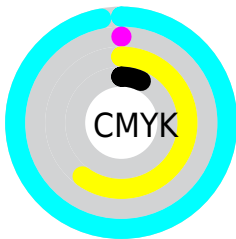
Distribution



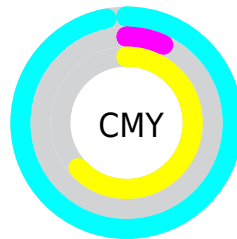
- Red (3%)
- Green (93%)
- Blue (37%)



- Red (3%)
- Yellow (68%)
- Blue (93%)



- Cyan (97%)
- Magenta (0%)
- Yellow (60%)
- Black (7%)





- Cyan (97%)
- Magenta (7%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 78.7531, -63.6379, 39.2624 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 78.7531, -63.6379, 39.2624 by changing the saturation by 10% instead.


 78.7531, -63.6379,
39.2624


 78.7531, -63.6379,
39.2624


207.8497,
-100.8478, 68.3433


 67.1203, -58.7478,
35.5128


 103.8070,
-72.7980, 46.3384


 56.1229, -53.5903,
31.5862


 117.1715,
-77.1300, 49.7054


 45.8020, -48.1034,
27.4504


 131.0650,
-81.3284, 52.9799

 36.2051, -42.2007,
23.0701

 145.4680,
-85.4113, 56.1747

 27.3917, -35.7601,
18.8872

 160.3630,
-89.3934, 59.3002

 19.4387, -28.8907,
13.6071

175.7343,

 12.4520, -21.7910,

-93.2870, 62.3653

8.7164

191.5676,
-97.1022, 65.3776

■ 5.6911, -9.9595,
3.9838

0.0000, NaN, NaN

■ 78.7531, -63.6379,
39.2624

■ 78.7531, -63.6379,
39.2624

■ 78.6772, -64.0647,
39.9576

■ 79.0949, -61.8311,
36.6533

■ 79.6367, -59.1251,
33.7230

■ 80.4107, -55.4166,
30.5098

■ 81.4370, -50.6591,
27.0554

■ 82.7288, -44.8481,
23.4052

■ 84.2935, -38.0140,
19.6075

■ 86.1335, -30.2149,
15.7107

■ 88.2473, -21.5289,
11.7614

■ 90.6297, -12.0475,
7.8021

Harmonies

Analogous

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



78.7547, -37.1005, 48.8206



78.7531, -63.6379, 39.2624



78.7547, -74.0690, 12.3560

Triad

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



78.7547, -63.6388, 39.2628



78.7547, -12.9824, -132.9091



78.7547, 93.3532, 31.4401

Complementary

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



78.7531, -63.6379, 39.2624



45.3128, 81.5965, -8.4113

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.



78.7547, 103.9617, -4.7382



78.7531, -63.6379, 39.2624



78.7547, 35.1674, -116.8904

Square

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



78.7547, -63.6388, 39.2628



78.7547, -49.4361, -98.3561



78.7547, 80.6574, -62.2619



78.7547, 54.2993, 46.4494

Rectangle

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



78.7531, -63.6379, 39.2624



78.7547, -72.7074, -19.0716



78.7547, 80.6574, -62.2619



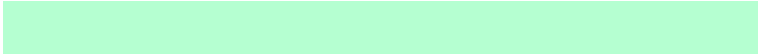
78.7547, 100.6884, 22.1431

Sweetspot

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



78.7547, -63.6388, 39.2628



92.7169, -34.4901, 17.8625



82.4434, -49.4239, 49.7912



42.4961, -17.6440, 9.1004

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



78.7547, -63.6388, 39.2628



85.0797, -69.3236, 43.3076



81.0628, -49.4837, 5.8118



42.1379, -6.7474, 4.1009



58.7847, -47.7271, 29.5534



17.0105, -13.4212, 7.7108

Inverse Universe

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



45.3128, 81.5965, -8.4113



48.7072, 88.4710, -7.7387



42.9754, 73.0091, 25.2515



39.9041, 2.5633, 0.4065



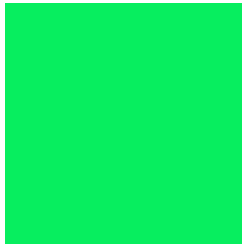
33.6871, 61.2737, -6.0106



9.8152, 18.0289, -3.1149

Previews

White Background



This preview shows how the HunterLab color 78.7531, -63.6379, 39.2624 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 78.7531, -63.6379, 39.2624 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 78.7531, -63.6379, 39.2624 Background



This preview shows how black text looks on a background with the HunterLab color 78.7531, -63.6379, 39.2624.



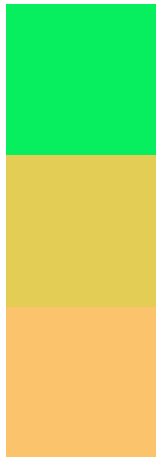
This preview shows how white text looks on a background with the HunterLab color 78.7531, -63.6379, 39.2624.

-63.6379, 39.2624.

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

78.7531, -63.6379, 39.2624

Protanopia

77.9824, -9.5088, 41.3516

Deuteranopia

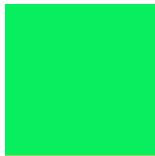
77.8466, 5.8239, 37.4765



Tritanopia

78.4596, -30.4127, -15.0726

Trichromacy



Original Color

78.7531, -63.6379, 39.2624



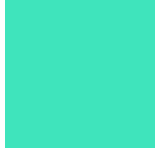
Protanomaly

75.2615, -39.6161, 38.2367



Deuteranomaly

74.3298, -32.4752, 34.9976



Tritanomaly

77.5722, -46.3073, 10.6249

Monochromacy



Original Color

78.7531, -63.6379, 39.2624



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

62.1741, -32.5493, 16.9244

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 78.7531, -63.6379, 39.2624 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(7, 238, 95)` looks like.

```
.text, #text, p{  
    color:rgb(7, 238, 95)  
}
```

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(7, 238, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(7, 238, 95) }
```

Border

The CSS property to change the border of an element to HunterLab 78.7531, -63.6379, 39.2624 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(7, 238, 95) }
```


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

```
.border{ border-color:rgb(7, 238, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(7, 238, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(7, 238, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(7, 238, 95);  
box-shadow:4px 4px 4px 4px rgb(7, 238, 95)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 78.7531, -63.6379, 39.2624 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(7, 238, 95) }
```

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

```
.background{ background-color: rgb(7, 238,  
95) }
```

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