

Converting Colors

HunterLab(79.4248, -63.8853,
38.6385)

Have a look what the booklet for
HunterLab(79.4248, -63.8853,
38.6385) contains.

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Color

**HunterLab(79.5360,
-63.9848, 38.7117)**

Conversions

Conversions Part 1	
Format	Color
Hex	00F065
RGB	0, 240, 101
RGB Percent	0%, 94%, 40%
CMY	1.0000, 0.0588, 0.6039
CMYK	1.00, 0.00, 0.58, 0.06
HSL	145°, 100%, 47%
HSV	145°, 100%, 94%
XYZ	33.5090, 63.2598, 22.7561
YIQ	152.3940, -98.4210, -94.1090

Conversions

Conversions Part 2

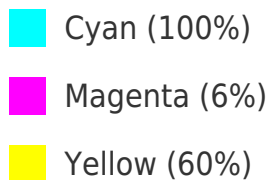
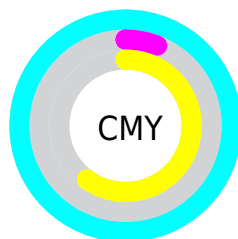
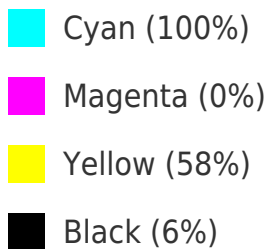
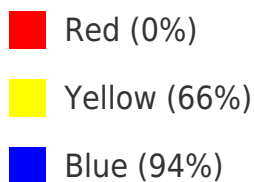
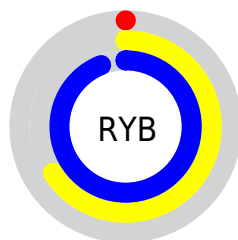
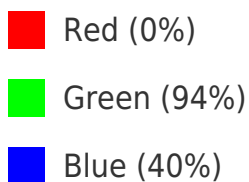
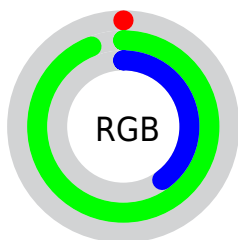
Format	Color
RYB	0, 169, 240
Decimal	61541
CIELab	83.58, -76.00, 53.00
CIELCh	84, 92.655, 145.110
Yxy	63.2623, 0.2804, 0.5293
Android (android.graphics.Color)	4278251621 (0xFF00F065)
YUV	152.3940, -25.3372, -133.6495
Hunter-Lab	79.5360, -63.9848, 38.7117

Details

The HunterLab color **79.5360, -63.9848, 38.7117** 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 **45.1559, 81.4583, -2.8255**, and the grayscale version is **56.3246, -3.0053, 3.0602**.

A 20% lighter version of the original color is **87.9382, -55.7322, 32.3035**, and **58.0182, -48.4878, 32.1534** is the 20% darker color. If you saturate the color by 10%, you get **79.5375, -63.9863, 38.7130**, and if you desaturate by 10%, it is **79.8452, -62.3172, 36.0866**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 79.5360, -63.9848, 38.7117 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 79.5360, -63.9848, 38.7117 by changing the saturation by 10% instead.


 79.5360, -63.9848,
38.7117

 79.5360, -63.9848,
38.7117


208.9308,
-101.1491, 66.9190


 67.8627, -59.1070,
35.0881


 104.6651,
-73.1270, 45.5577

 56.8225, -53.9651,
31.2958


 118.0650,
-77.4524, 48.8190


 46.4560, -48.4982,
27.3025


 131.9924,
-81.6455, 51.9934

 36.8100, -42.6216,
23.0716

 146.4280,
-85.7240, 55.0928

 27.9432, -36.2163,
18.8336

 161.3547,
-89.7024, 58.1273

 19.9311, -29.2740,
13.9517


176.7567,

 12.8770, -22.5348,


-93.5929, 61.1052


9.0139


192.6197,
-97.4056, 64.0338


 6.2956, -11.0174,
4.4070


0.0000, NaN, NaN


 79.5360, -63.9848,
38.7117


 79.5360, -63.9848,
38.7117


 79.5375, -63.9863,
38.7130


 79.8452, -62.3172,
36.0866


 80.3312, -59.8521,
33.1732


 81.0401, -56.4244,
30.0221


 81.9944, -51.9734,
26.6764

 83.2094, -46.4821,
23.1821

 84.6940, -39.9700,
19.5860

 86.4524, -32.4859,
15.9349

 88.4843, -24.1005,
12.2729

 90.7857, -14.8995,
8.6399

Harmonies

Analogous

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



79.5376, -38.0388, 48.8114



79.5360, -63.9848, 38.7117



79.5376, -73.9340, 11.0947

Triad

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



79.5376, -63.9857, 38.7121



79.5376, -11.5612, -131.0169



79.5376, 91.3564, 32.1443

Complementary

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



79.5360, -63.9848, 38.7117



45.1559, 81.4583, -2.8255

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.



79.5376, 102.8918, -3.0878



79.5360, -63.9848, 38.7117



79.5376, 36.3365, -113.7196

Square

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



79.5376, -63.9857, 38.7121



79.5376, -48.3165, -98.4959



79.5376, 80.8734, -59.4100



79.5376, 52.1644, 46.7869

Rectangle

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



79.5360, -63.9848, 38.7117



79.5376, -72.2544, -20.5317



79.5376, 80.8734, -59.4100



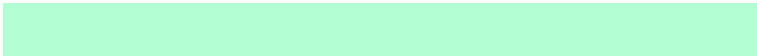
79.5376, 98.9226, 23.0938

Sweetspot

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



79.5376, -63.9857, 38.7121



92.5916, -34.8869, 17.1101



82.4006, -53.2672, 49.8422



42.4525, -17.7641, 8.6832

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



79.5376, -63.9857, 38.7121



85.1986, -68.5825, 41.5590



82.1524, -47.9895, 0.9126



42.1506, -6.6763, 3.9188



58.8681, -47.2074, 28.3273



17.0364, -13.2607, 7.3320

Inverse Universe

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



45.1559, 81.4583, -2.8255



48.3615, 87.2213, -2.8640



43.1007, 73.9274, 26.9417



39.8903, 2.4893, 0.6028



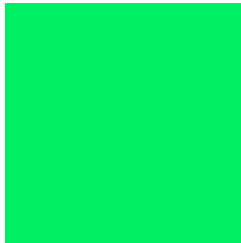
33.4495, 60.4151, -2.6640



9.7500, 17.7943, -2.2052

Previews

White Background



This preview shows how the HunterLab color 79.5360, -63.9848, 38.7117 looks on a white background.

Color Contrast Check

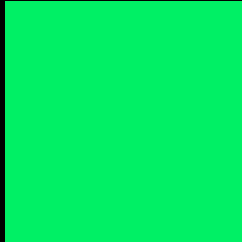
Large Text (above 18pt) WCAG AA × Fail

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 79.5360, -63.9848, 38.7117 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 79.5360, -63.9848, 38.7117 Background



This preview shows how black text looks on a background with the HunterLab color 79.5360, -63.9848, 38.7117.



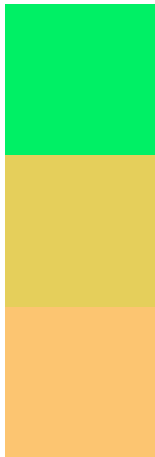
This preview shows how white text looks on a background with the HunterLab color 79.5360, -63.9848, 38.7117.

-63.9848, 38.7117.

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

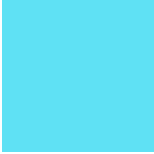
79.5360, -63.9848, 38.7117

Protanopia

78.7648, -9.7636, 40.9133

Deuteranopia

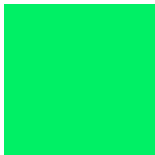
78.6258, 5.6387, 36.7668



Tritanopia

79.2559, -30.6516, -15.7264

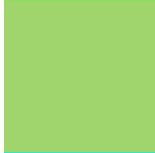
Trichromacy



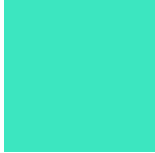
Original Color
79.5360, -63.9848, 38.7117



Protanomaly
75.8948, -40.4997, 37.5992

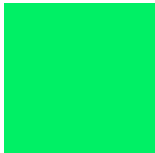


Deuteranomaly
74.9441, -33.3761, 34.1499

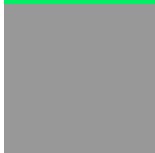


Tritanomaly
78.3327, -46.6737, 9.7051

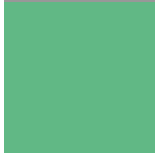
Monochromacy



Original Color
79.5360, -63.9848, 38.7117



Achromatopsia
56.0347, -2.9899, 3.0445



Achromatomaly
62.0611, -32.9518, 16.4654

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 79.5360, -63.9848, 38.7117 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, 101)` looks like.

```
.text, #text, p{  
    color:rgb(0, 240, 101)  
}
```

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, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 240, 101) }
```

Border

The CSS property to change the border of an element to HunterLab 79.5360, -63.9848, 38.7117 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, 101) }
```


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

```
.border{ border-color:rgb(0, 240, 101) }
```

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, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 240, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 240, 101);  
box-shadow:4px 4px 4px 4px rgb(0, 240,  
101) }
```

Background

The CSS property to change the background color of an element to HunterLab 79.5360, -63.9848, 38.7117 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, 101) }
```

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

```
.background{ background-color: rgb(0, 240,  
101) }
```

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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