

Converting Colors

HunterLab(76.4501, -62.5471,
41.0272)

Have a look what the booklet for
HunterLab(76.4501, -62.5471,
41.0272) contains.

HunterLab(76.4377, -62.4978, 40.9812)	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(76.4377,
-62.4978, 40.9812)**

Conversions

Conversions Part 1

Format	Color
Hex	1AE84A
RGB	26, 232, 74
RGB Percent	10%, 91%, 29%
CMY	0.8980, 0.0902, 0.7098
CMYK	0.89, 0.00, 0.68, 0.09
HSL	134°, 82%, 51%
HSV	134°, 89%, 91%
XYZ	30.5186, 58.4272, 16.1477
YIQ	152.3940, -72.0580, -92.8100

Conversions

Conversions Part 2

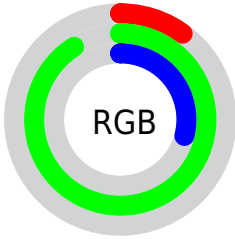
Format	Color
RYB	26, 193, 232
Decimal	1763402
CIELab	80.98, -75.62, 61.34
CIElCh	81, 97.365, 140.953
Yxy	58.4296, 0.2904, 0.5560
Android (android.graphics.Color)	4279953482 (0xFF1AE84A)
YUV	152.3940, -38.6482, -110.8475
Hunter-Lab	76.4377, -62.4978, 40.9812

Details

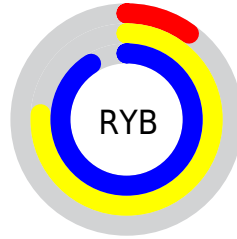
The HunterLab color **76.4377, -62.4978, 40.9812** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **46.2126, 82.5199, -28.2597**, and the grayscale version is **56.3684, -3.0077, 3.0626**.

A 20% lighter version of the original color is **87.6611, -57.7200, 38.7219**, and **55.3714, -47.4810, 33.2884** is the 20% darker color. If you saturate the color by 10%, you get **76.1716, -63.9083, 42.8844**, and if you desaturate by 10%, it is **76.9043, -60.1757, 38.5638**.

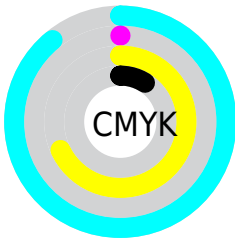
Distribution



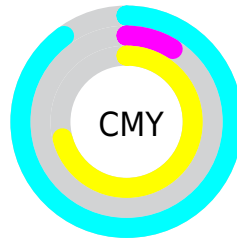
- Red (10%)
- Green (91%)
- Blue (29%)



- Red (10%)
- Yellow (76%)
- Blue (91%)



- Cyan (89%)
- Magenta (0%)
- Yellow (68%)
- Black (9%)





- Cyan (90%)
- Magenta (9%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4377, -62.4978, 40.9812 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 76.4377, -62.4978, 40.9812 by changing the saturation by 10% instead.


 76.4377, -62.4978,
40.9812


 76.4377, -62.4978,
40.9812


204.6424,
-99.7736, 73.1086


 64.9262, -57.5806,
36.7966


 101.2661,
-71.6934, 48.8561


 54.0574, -52.3867,
32.4102


 114.5252,
-76.0365, 52.5909


 43.8735, -46.8505,
27.7923


 128.3172,
-80.2430, 56.2150

 34.4241, -40.8801,
22.9753

 142.6223,
-84.3315, 59.7428

 25.7716, -34.3453,
18.0401

 157.4227,
-88.3172, 63.1865

 17.9975, -27.9118,
12.5982

172.7023,

 11.2151, -19.6265,

-92.2127, 66.5565

7.8506

188.4467,
-96.0285, 69.8613

■ 3.2889, -5.7555,
2.3022

0.0000, NaN, NaN

■ 76.4377, -62.4978,
40.9812

■ 76.4377, -62.4978,
40.9812

■ 76.1716, -63.9083,
42.8844

■ 76.9043, -60.1757,
38.5638

■ 76.1462, -64.0439,
43.0763

■ 77.6052, -56.7942,
35.6437

■ 78.5642, -52.2951,
32.2423

■ 79.7957, -46.6665,
28.3939

■ 81.3081, -39.9364,
24.1436

■ 83.1045, -32.1649,
19.5448

■ 85.1831, -23.4357,
14.6550

■ 87.5388, -13.8480,
9.5324

■ 90.1631, -3.5083,
4.2332

Harmonies

Analogous

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



76.4393, -33.8652, 48.8227



76.4377, -62.4978, 40.9812



76.4393, -74.5696, 16.5127

Triad

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



76.4393, -62.4988, 40.9815



76.4393, -17.8167, -139.3163



76.4393, 100.2906, 29.0146

Complementary

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



76.4377, -62.4978, 40.9812



46.2126, 82.5199, -28.2597

Split Complementary

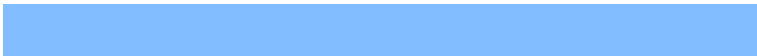
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



76.4393, 107.5770, -10.6735



76.4377, -62.4978, 40.9812



76.4393, 31.0985, -128.0608

Square

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



76.4393, -62.4988, 40.9815



76.4393, -53.2036, -97.6322



76.4393, 79.7966, -72.5026



76.4393, 61.7916, 45.3976

Rectangle

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



76.4377, -62.4978, 40.9812



76.4393, -74.2586, -14.0982



76.4393, 79.7966, -72.5026



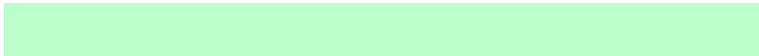
76.4393, 106.7858, 18.7951

Sweetspot

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



76.4393, -62.4988, 40.9815



92.8716, -34.2701, 20.8779



82.7053, -37.6229, 49.6033



42.6244, -17.3148, 10.4990

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4393, -62.4988, 40.9815



84.7586, -71.3320, 48.0445



78.0878, -52.3307, 16.9373



40.1795, -6.6689, 4.5410



56.7489, -47.6287, 31.8856



15.4723, -12.6615, 7.9936

Inverse Universe

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



46.2126, 82.5199, -28.2597



50.2259, 93.9101, -28.7601



43.0596, 70.8307, 16.1194



38.1507, 2.6882, -0.3023



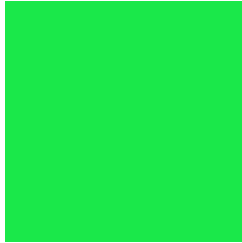
33.6566, 62.9961, -19.7873



9.2253, 17.3947, -6.4118

Previews

White Background



This preview shows how the HunterLab color 76.4377, -62.4978, 40.9812 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 76.4377, -62.4978, 40.9812 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 76.4377, -62.4978, 40.9812 Background



This preview shows how black text looks on a background with the HunterLab color 76.4377, -62.4978, 40.9812.



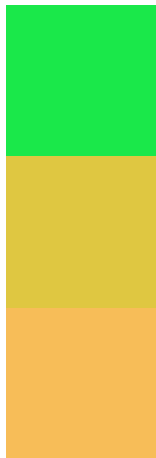
This preview shows how white text looks on a background with the HunterLab color 76.4377, -62.4978, 40.9812.

-62.4978, 40.9812.

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

76.4377, -62.4978, 40.9812

Protanopia

75.4430, -9.4439, 42.3920

Deuteranopia

75.4148, 6.0547, 39.3178



Tritanopia

76.2283, -28.9764, -14.0807

Trichromacy



Original Color

76.4377, -62.4978, 40.9812



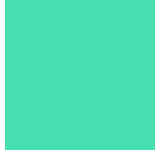
Protanomaly

73.2019, -37.6361, 40.0183



Deuteranomaly

72.4587, -29.9169, 37.4287



Tritanomaly

75.3105, -45.1482, 13.2789

Monochromacy



Original Color

76.4377, -62.4978, 40.9812



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

61.2921, -31.2335, 18.7752

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4377, -62.4978, 40.9812 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(26, 232, 74)` looks like.

```
.text, #text, p{  
    color:rgb(26, 232, 74)  
}
```

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(26, 232, 74) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(26, 232, 74) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4377, -62.4978, 40.9812 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(26, 232, 74) }
```


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

```
.border{ border-color:rgb(26, 232, 74) }
```

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

Here you see how a box with a 4 pixel `rgb(26, 232, 74)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(26, 232, 74); -webkit-box-  
shadow:4px 4px 4px 4px rgb(26, 232, 74);  
box-shadow:4px 4px 4px 4px rgb(26, 232,  
74) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4377, -62.4978, 40.9812 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(26, 232, 74) }
```

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

```
.background{ background-color: rgb(26, 232,  
74) }
```

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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