

Converting Colors

HunterLab(75.5385, -61.2537,
37.8127)

Have a look what the booklet for
HunterLab(75.5385, -61.2537,
37.8127) contains.

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Color

**HunterLab(75.7178,
-61.4475, 38.0070)**

Conversions

Conversions Part 1

Format	Color
Hex	00E65A
RGB	0, 230, 90
RGB Percent	0%, 90%, 35%
CMY	1.0000, 0.0980, 0.6470
CMYK	1.00, 0.00, 0.61, 0.10
HSL	143°, 100%, 45%
HSV	143°, 100%, 90%
XYZ	30.1423, 57.3319, 19.1503
YIQ	145.2700, -92.1400, -92.3000

Conversions

Conversions Part 2

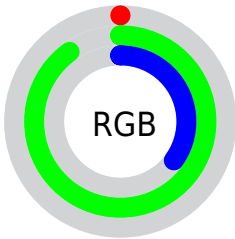
Format	Color
RYB	0, 165, 230
Decimal	58970
CIELab	80.37, -74.40, 54.09
CIELCh	80, 91.986, 143.982
Yxy	57.3342, 0.2827, 0.5377
Android (android.graphics.Color)	4278249050 (0xFF00E65A)
YUV	145.2700, -27.2481, -127.4018
Hunter-Lab	75.7178, -61.4475, 38.0070

Details

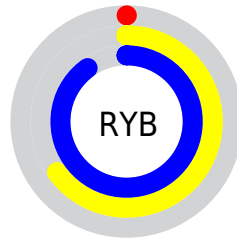
The HunterLab color **75.7178, -61.4475, 38.0070** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **43.2639, 78.4665, -5.9746**, and the grayscale version is **53.4552, -2.8522, 2.9043**.

A 20% lighter version of the original color is **87.6633, -57.2525, 35.1699**, and **54.7747, -46.2165, 31.3047** is the 20% darker color. If you saturate the color by 10%, you get **75.7192, -61.4491, 38.0084**, and if you desaturate by 10%, it is **76.0117, -59.8690, 35.5734**.

Distribution



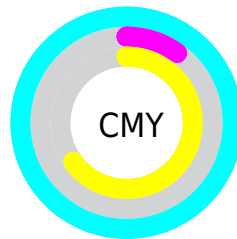
- Red (0%)
- Green (90%)
- Blue (35%)



- Red (0%)
- Yellow (65%)
- Blue (90%)



- Cyan (100%)
- Magenta (0%)
- Yellow (61%)
- Black (10%)





- Cyan (100%)
- Magenta (10%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.7178, -61.4475, 38.0070 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 75.7178, -61.4475, 38.0070 by changing the saturation by 10% instead.


 75.7178, -61.4475,
38.0070


 75.7178, -61.4475,
38.0070


203.6419,
-98.2577, 66.9279


 64.2445, -56.5915,
34.2639


 100.4752,
-70.5271, 45.0587


 53.4162, -51.4610,
30.3386


 113.7011,
-74.8154, 48.4096


 43.2756, -45.9904,
26.1974


 127.4612,
-78.9689, 51.6665

 33.8729, -40.0870,
21.8046

 141.7355,
-83.0061, 54.8423

 25.2714, -33.6194,
17.6900

 156.5062,
-86.9420, 57.9479

 17.5541, -27.3960,
12.2878

171.7570,

 10.8370, -18.9647,

-90.7893, 60.9925

7.5859

187.4734,
-94.5583, 63.9836

■ 2.0162, -3.5284,
1.4113

0.0000, NaN, NaN

■ 75.7178, -61.4475,
38.0070

■ 75.7178, -61.4475,
38.0070

■ 75.7192, -61.4491,
38.0084

■ 76.0117, -59.8690,
35.5734

■ 76.4756, -57.5183,
32.8277

■ 77.1542, -54.2345,
29.8155

■ 78.0688, -49.9603,
26.5761

■ 79.2338, -44.6809,
23.1523

■ 80.6577, -38.4161,
19.5894

■ 82.3441, -31.2140,
15.9334

■ 84.2928, -23.1439,
12.2286

■ 86.4996, -14.2895,
8.5159

Harmonies

Analogous

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



75.7193, -35.7041, 47.1048



75.7178, -61.4475, 38.0070



75.7193, -71.5999, 12.1493

Triad

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



75.7193, -61.4484, 38.0074



75.7193, -12.7864, -129.2304



75.7193, 90.7764, 30.2515

Complementary

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



75.7178, -61.4475, 38.0070



43.2639, 78.4665, -5.9746

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.



75.7193, 100.8960, -4.8944



75.7178, -61.4475, 38.0070



75.7193, 33.8601, -113.9067

Square

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



75.7193, -61.4484, 38.0074



75.7193, -47.9797, -95.3392



75.7193, 78.0889, -60.8497



75.7193, 52.9624, 44.7724

Rectangle

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



75.7178, -61.4475, 38.0070



75.7193, -70.3399, -18.2350



75.7193, 78.0889, -60.8497



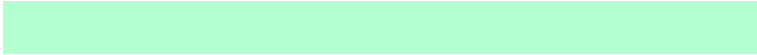
75.7193, 97.8449, 21.2305

Sweetspot

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



75.7193, -61.4484, 38.0074



92.5309, -35.2390, 17.9838



78.9510, -49.0263, 47.7907



42.4214, -17.9454, 9.1305

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7193, -61.4484, 38.0074



85.1092, -69.1397, 42.8737



78.0487, -47.1666, 4.2656



40.2270, -6.4037, 3.8615



56.9915, -46.1126, 28.3093



15.5499, -12.1781, 6.8530

Inverse Universe

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



43.2639, 78.4665, -5.9746



48.6148, 88.1376, -6.4399



41.1124, 70.5955, 25.0875



38.0981, 2.4065, 0.4449



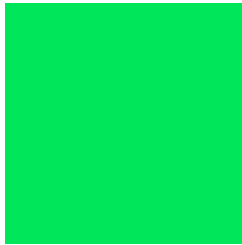
32.5898, 59.1762, -5.0271



8.9609, 16.4523, -2.7878

Previews

White Background



This preview shows how the HunterLab color 75.7178, -61.4475, 38.0070 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 75.7178, -61.4475, 38.0070 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 75.7178, -61.4475, 38.0070 Background



This preview shows how black text looks on a background with the HunterLab color 75.7178, -61.4475, 38.0070.



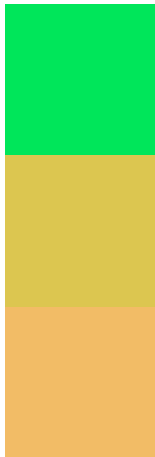
This preview shows how white text looks on a background with the HunterLab color 75.7178, -61.4475, 38.0070.

-61.4475, 38.0070.

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

75.7178, -61.4475, 38.0070

Protanopia

74.9553, -9.3450, 40.0203

Deuteranopia

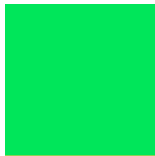
74.7014, 5.4735, 36.1495



Tritanopia

75.6771, -29.4126, -14.2806

Trichromacy



Original Color

75.7178, -61.4475, 38.0070



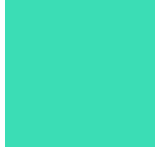
Protanomaly

72.3248, -39.0468, 37.0067



Deuteranomaly

71.0378, -31.6286, 33.5751



Tritanomaly

74.8191, -45.0448, 10.6720

Monochromacy



Original Color

75.7178, -61.4475, 38.0070



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

58.9972, -31.7186, 16.3001

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7178, -61.4475, 38.0070 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, 230, 90)` looks like.

```
.text, #text, p{  
    color:rgb(0, 230, 90)  
}
```

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, 230, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 230, 90) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7178, -61.4475, 38.0070 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, 230, 90) }
```


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

```
.border{ border-color:rgb(0, 230, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 230, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 230, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 230, 90);  
box-shadow:4px 4px 4px 4px rgb(0, 230, 90)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 75.7178, -61.4475, 38.0070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 230, 90) }
```

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

```
.background{ background-color: rgb(0, 230,  
90) }
```

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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