

Converting Colors

HunterLab(77.8848, -66.7629,
46.7727)

Have a look what the booklet for
HunterLab(77.8848, -66.7629,
46.7727) contains.

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Color

**HunterLab(77.8285,
-66.7178, 46.7458)**

Conversions

Conversions Part 1

Format	Color
Hex	00ED02
RGB	0, 237, 2
RGB Percent	0%, 93%, 1%
CMY	1.0000, 0.0706, 0.9920
CMYK	1.00, 0.00, 0.99, 0.07
HSL	121°, 100%, 46%
HSV	121°, 100%, 93%
XYZ	30.2952, 60.5728, 10.1524
YIQ	139.3470, -65.8170, -123.3290

Conversions

Conversions Part 2

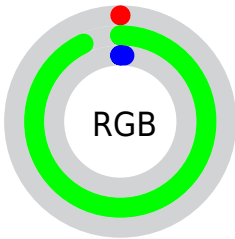
Format	Color
RYB	0, 235, 237
Decimal	60674
CIELab	82.15, -81.51, 78.53
CIELCh	82, 113.183, 136.067
Yxy	60.5753, 0.2999, 0.5996
Android (android.graphics.Color)	4278250754 (0xFF00ED02)
YUV	139.3470, -67.7121, -122.2073
Hunter-Lab	77.8285, -66.7178, 46.7458

Details

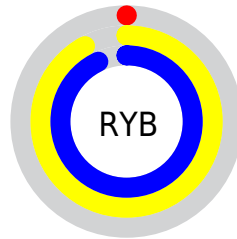
The HunterLab color **77.8285, -66.7178, 46.7458** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **48.9917, 96.1392, -63.2223**, and the grayscale version is **51.2330, -2.7337, 2.7836**.

A 20% lighter version of the original color is **87.1126, -60.9901, 46.1781**, and **56.7805, -48.6892, 34.1355** is the 20% darker color. If you saturate the color by 10%, you get **77.8301, -66.7189, 46.7461**, and if you desaturate by 10%, it is **77.9961, -65.9219, 46.1846**.

Distribution



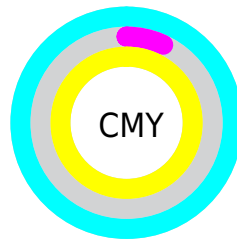
- Red (0%)
- Green (93%)
- Blue (1%)



- Red (0%)
- Yellow (92%)
- Blue (93%)



- Cyan (100%)
- Magenta (0%)
- Yellow (99%)
- Black (7%)





- Cyan (100%)
- Magenta (7%)
- Yellow (99%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.8285, -66.7178, 46.7458 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 77.8285, -66.7178, 46.7458 by changing the saturation by 10% instead.


 77.8285, -66.7178,
46.7458


 77.8285, -66.7178,
46.7458


206.5708,
-106.4399, 86.5380

 66.2439, -61.4610,
41.5428


 102.7929,
-76.5409, 56.5566


 55.2975, -55.9071,
36.1161


 116.1155,
-81.1757, 61.2051


 45.0309, -49.9877,
30.4736


 129.9687,
-85.6614, 65.7078

 35.4925, -43.6087,
24.8447

 144.3328,
-90.0178, 70.0810

 26.7427, -36.6392,
18.7199

 159.1902,
-94.2614, 74.3389

 18.8605, -29.7795,
13.2023

 174.5251,

 11.9544, -20.9202,

-98.4057, 78.4941

8.3681

190.3230,
-102.4619, 82.5573

■ 4.8786, -8.5375,
3.4150

0.0000, NaN, NaN

■ 77.8285, -66.7178,
46.7458

■ 77.8285, -66.7178,
46.7458

■ 77.8301, -66.7189,
46.7461

■ 77.9961, -65.9219,
46.1846

■ 78.3625, -64.1709,
44.9623

■ 78.9867, -61.2140,
42.9299

■ 79.8988, -56.9460,
40.0204

■ 81.1185, -51.3277,
36.2101

■ 82.6579, -44.3749,
31.5118

■ 84.5219, -36.1496,
25.9687

■ 86.7095, -26.7485,
19.6469

■ 89.2147, -16.2912,
12.6276

Harmonies

Analogous

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



77.8301, -31.3703, 52.1894



77.8285, -66.7178, 46.7458



77.8301, -82.6216, 24.8121

Triad

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



77.8301, -66.7189, 46.7461



77.8301, -28.0670, -170.8790



77.8301, 126.1091, 27.2925

Complementary

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



77.8285, -66.7178, 46.7458



48.9917, 96.1392, -63.2223

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.



77.8301, 127.7270, -24.1579



77.8285, -66.7178, 46.7458



77.8301, 27.3999, -168.2461

Square

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



77.8301, -66.7189, 46.7461



77.8301, -64.8836, -108.9518



77.8301, 87.8143, -103.1918



77.8301, 83.8673, 47.4839

Rectangle

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



77.8285, -66.7178, 46.7458



77.8301, -83.9934, -7.1901



77.8301, 87.8143, -103.1918



77.8301, 131.7530, 14.1566

Sweetspot

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



77.8301, -66.7189, 46.7461



91.8179, -39.3959, 28.2955



88.6431, -23.8089, 54.2046



42.0634, -20.0489, 14.3183

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8301, -66.7189, 46.7461



84.5723, -72.5006, 50.7998



78.6707, -61.4701, 34.3648



41.0661, -7.2154, 5.6211



57.5078, -49.2918, 34.5272



16.1172, -13.7982, 9.6413

Inverse Universe

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



48.9917, 96.1392, -63.2223



53.2353, 104.4662, -68.6927



43.9605, 78.2861, 5.1306



39.1298, 3.1829, -1.4264



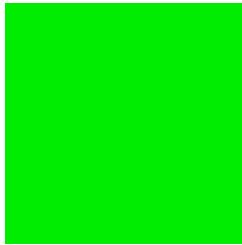
36.2004, 71.0405, -46.7330



10.1477, 19.9194, -13.1417

Previews

White Background



This preview shows how the HunterLab color 77.8285, -66.7178, 46.7458 looks on a white background.

Color Contrast Check

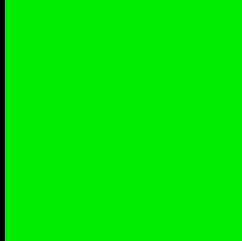
Large Text (above 18pt) WCAG AA × Fail

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 77.8285, -66.7178, 46.7458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

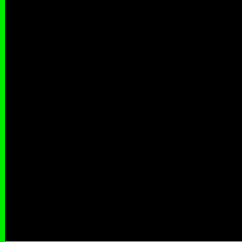
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

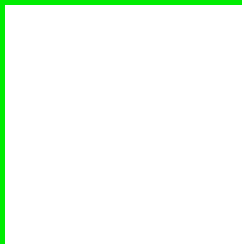
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 77.8285, -66.7178, 46.7458 Background



This preview shows how black text looks on a background with the HunterLab color 77.8285, -66.7178, 46.7458.



This preview shows how white text looks on a background with the HunterLab color 77.8285, -66.7178, 46.7458.

-66.7178, 46.7458.

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

77.8285, -66.7178, 46.7458

Protanopia

76.9453, -10.8895, 47.2227

Deuteranopia

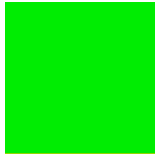
76.8174, 5.7352, 45.0176



Tritanopia

77.4675, -29.1803, -14.6844

Trichromacy



Original Color

77.8285, -66.7178, 46.7458



Protanomaly

73.9072, -42.4320, 44.7754



Deuteranomaly

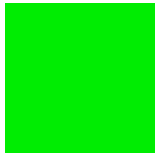
72.7344, -34.6891, 43.0384



Tritanomaly

75.9714, -50.9176, 22.7387

Monochromacy



Original Color

77.8285, -66.7178, 46.7458



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

57.8411, -35.9285, 25.3245

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8285, -66.7178, 46.7458 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, 237, 2)` looks like.

```
.text, #text, p{  
    color:rgb(0, 237, 2)  
}
```

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, 237, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 237, 2) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8285, -66.7178, 46.7458 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, 237, 2) }
```


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

```
.border{ border-color:rgb(0, 237, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 237, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 237, 2); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 237, 2); box-shadow:4px  
4px 4px 4px rgb(0, 237, 2) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.8285, -66.7178, 46.7458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 237, 2) }
```

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

```
.background{ background-color: rgb(0, 237,  
2) }
```

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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