

Converting Colors

HunterLab(76.9337, -65.9704,
46.2508)

Have a look what the booklet for
HunterLab(76.9337, -65.9704,
46.2508) contains.

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Color

**HunterLab(77.0822,
-66.0980, 46.3405)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB00
RGB	0, 235, 0
RGB Percent	0%, 92%, 0%
CMY	1.0000, 0.0784, 0.9999
CMYK	1.00, 0.00, 1.00, 0.08
HSL	120°, 100%, 46%
HSV	120°, 100%, 92%
XYZ	29.7083, 59.4167, 9.9028
YIQ	137.9450, -64.6250, -122.9050

Conversions

Conversions Part 2

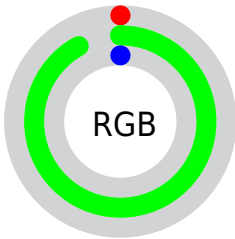
Format	Color
RYB	0, 235, 235
Decimal	60160
CIELab	81.52, -81.02, 78.19
CIELCh	82, 112.599, 136.017
Yxy	59.4191, 0.3000, 0.6000
Android (android.graphics.Color)	4278250240 (0xFF00EB00)
YUV	137.9450, -68.0069, -120.9778
Hunter-Lab	77.0822, -66.0980, 46.3405

Details

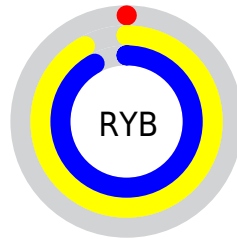
The HunterLab color **77.0822, -66.0980, 46.3405** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **48.6408, 95.6265, -64.1309**, and the grayscale version is **50.6747, -2.7039, 2.7533**.

A 20% lighter version of the original color is **87.0643, -61.2085, 46.2898**, and **56.0752, -48.0845, 33.7115** is the 20% darker color. If you saturate the color by 10%, you get **77.0838, -66.0990, 46.3408**, and if you desaturate by 10%, it is **77.2471, -65.3177, 45.8120**.

Distribution



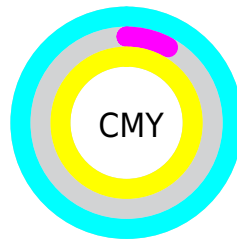
- Red (0%)
- Green (92%)
- Blue (0%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (100%)
- Black (8%)



- Cyan (100%)
- Magenta (8%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0822, -66.0980, 46.3405 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 77.0822, -66.0980, 46.3405 by changing the saturation by 10% instead.

■ 77.0822, -66.0980,
46.3405

■ 77.0822, -66.0980,
46.3405

■ 205.5367,
-105.6799, 86.0540

■ 65.5367, -60.8551,
41.1436

■ 101.9738,
-75.8908, 56.1367

■ 54.6318, -55.3135,
35.7221

■ 115.2624,
-80.5099, 60.7770

■ 44.4095, -49.4042,
30.0939

■ 129.0829,
-84.9798, 65.2709

■ 34.9187, -43.0313,
24.4431

■ 143.4154,
-89.3204, 69.6350

■ 26.2209, -36.0617,
18.3546

■ 158.2423,
-93.5481, 73.8837

■ 18.3964, -29.4117,
12.8775

■ 173.5476,

■ 11.5563, -20.2236,

-97.6767, 78.0293

8.0894

189.3168,
-101.7173, 82.0830

■ 4.1041, -7.1821,
2.8728

0.0000, NaN, NaN

■ 77.0822, -66.0980,
46.3405

■ 77.0822, -66.0980,
46.3405

■ 77.0838, -66.0990,
46.3408

■ 77.2471, -65.3177,
45.8120

■ 77.6073, -63.6017,
44.6509

■ 78.2232, -60.6883,
42.6803

■ 79.1248, -56.4718,
39.8287

■ 80.3321, -50.9117,
36.0692

■ 81.8569, -44.0234,
31.4124

■ 83.7043, -35.8680,
25.9000

■ 85.8732, -26.5414,
19.5972

■ 88.3578, -16.1629,
12.5850

Harmonies

Analogous

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



77.0838, -31.0246, 51.7074



77.0822, -66.0980, 46.3405



77.0838, -81.8870, 24.6552

Triad

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



77.0838, -66.0990, 46.3408



77.0838, -27.9038, -169.5128



77.0838, 125.1396, 26.9977

Complementary

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



77.0822, -66.0980, 46.3405



48.6408, 95.6265, -64.1309

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.



77.0838, 126.6692, -24.0816



77.0822, -66.0980, 46.3405



77.0838, 27.0769, -167.0224

Square

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



77.0838, -66.0990, 46.3408



77.0838, -64.3659, -107.9710



77.0838, 87.0157, -102.5236



77.0838, 83.2845, 47.0364

Rectangle

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



77.0822, -66.0980, 46.3405



77.0838, -83.2636, -7.0363



77.0838, 87.0157, -102.5236



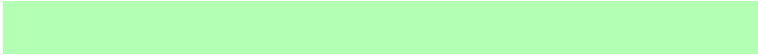
77.0838, 130.7146, 13.9569

Sweetspot

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



77.0838, -66.0990, 46.3408



91.8037, -39.4789, 28.5015



87.7963, -23.5814, 53.6868



42.0564, -20.0901, 14.4198

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0838, -66.0990, 46.3408



84.5695, -72.5180, 50.8411



77.9200, -60.8777, 34.0243



41.0636, -7.2294, 5.6569



57.5049, -49.3101, 34.5702



16.1141, -13.8175, 9.6867

Inverse Universe

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



48.6408, 95.6265, -64.1309



53.3644, 104.9129, -70.3586



43.5420, 77.5438, 5.0602



39.1328, 3.1988, -1.4686



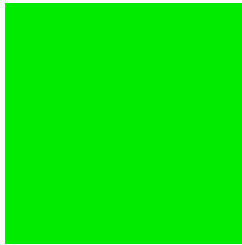
36.2863, 71.3379, -47.8423



10.1683, 19.9906, -13.4072

Previews

White Background



This preview shows how the HunterLab color 77.0822, -66.0980, 46.3405 looks on a white background.

Color Contrast Check

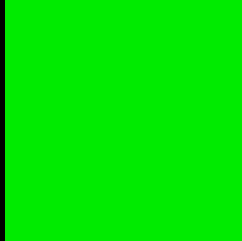
Large Text (above 18pt) WCAG AA × Fail

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 77.0822, -66.0980, 46.3405 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

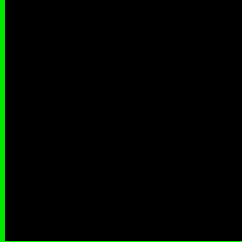
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

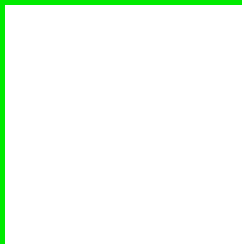
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.0822, -66.0980, 46.3405 Background



This preview shows how black text looks on a background with the HunterLab color 77.0822, -66.0980, 46.3405.



This preview shows how white text looks on a background with the HunterLab color 77.0822, -66.0980, 46.3405.

-66.0980, 46.3405.

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

77.0822, -66.0980, 46.3405

Protanopia

76.1197, -10.6820, 46.7176

Deuteranopia

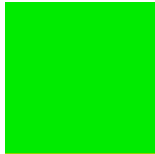
76.0009, 5.9352, 44.4920



Tritanopia

76.7148, -28.7135, -14.5634

Trichromacy



Original Color

77.0822, -66.0980, 46.3405



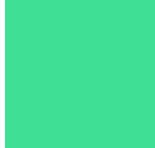
Protanomaly

73.1559, -41.9010, 44.3447



Deuteranomaly

71.9170, -34.4434, 42.5853



Tritanomaly

75.2131, -50.4324, 22.7175

Monochromacy



Original Color

77.0822, -66.0980, 46.3405



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

57.1546, -35.2799, 25.0233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0822, -66.0980, 46.3405 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, 235, 0)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 0)  
}
```

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, 235, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0822, -66.0980, 46.3405 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, 235, 0) }
```


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

```
.border{ border-color:rgb(0, 235, 0) }
```

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

Here you see how a box with a 4 pixel rgb(0, 235, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 0); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 235, 0); box-shadow:4px  
4px 4px 4px rgb(0, 235, 0) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0822, -66.0980, 46.3405 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 235, 0) }
```

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

```
.background{ background-color: rgb(0, 235,  
0) }
```

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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