

Converting Colors

HunterLab(76.9905, -65.6139,
45.4102)

Have a look what the booklet for
HunterLab(76.9905, -65.6139,
45.4102) contains.

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Color

**HunterLab(77.1397,
-65.7368, 45.4889)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB1D
RGB	0, 235, 29
RGB Percent	0%, 92%, 11%
CMY	1.0000, 0.0784, 0.8862
CMYK	1.00, 0.00, 0.88, 0.08
HSL	127°, 100%, 46%
HSV	127°, 100%, 92%
XYZ	29.9301, 59.5053, 11.0706
YIQ	141.2510, -73.9340, -113.8860

Conversions

Conversions Part 2

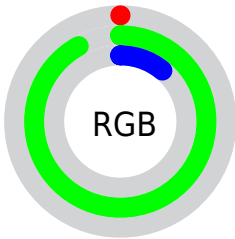
Format	Color
RYB	0, 209, 235
Decimal	60189
CIELab	81.57, -80.39, 74.87
CIELCh	82, 109.855, 137.034
Yxy	59.5078, 0.2978, 0.5921
Android (android.graphics.Color)	4278250269 (0xFF00EB1D)
YUV	141.2510, -55.3397, -123.8771
Hunter-Lab	77.1397, -65.7368, 45.4889

Details

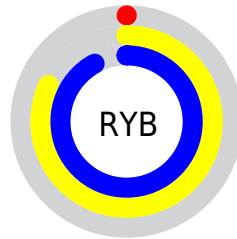
The HunterLab color **77.1397, -65.7368, 45.4889** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **47.0305, 90.0150, -43.0503**, and the grayscale version is **51.9470, -2.7718, 2.8224**.

A 20% lighter version of the original color is **87.1661, -60.5855, 44.7908**, and **56.0752, -48.0845, 33.7115** is the 20% darker color. If you saturate the color by 10%, you get **77.1413, -65.7378, 45.4892**, and if you desaturate by 10%, it is **77.3525, -64.6573, 44.2528**.

Distribution



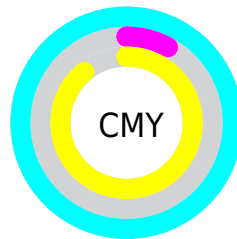
- Red (0%)
- Green (92%)
- Blue (11%)



- Red (0%)
- Yellow (82%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (88%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.1397, -65.7368, 45.4889 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 77.1397, -65.7368, 45.4889 by changing the saturation by 10% instead.


 77.1397, -65.7368,
45.4889


 77.1397, -65.7368,
45.4889


205.6164,
-105.0348, 83.6903


 65.5912, -60.5351,
40.4898


 102.0369,
-75.4550, 54.9052

 54.6831, -55.0379,
35.2677


 115.3282,
-80.0399, 59.3653


 44.4573, -49.1768,
29.8109


 129.1511,
-84.4773, 63.6857

 34.9628, -42.8568,
24.4740

 143.4861,
-88.7870, 67.8826

 26.2610, -35.9455,
18.3827

 158.3153,
-92.9852, 71.9702

 18.4320, -29.2805,
12.9024

 173.6229,

 11.5869, -20.2770,

-97.0853, 75.9606

8.1108

189.3944,
-101.0986, 79.8642

■ 4.1689, -7.2956,
2.9183

0.0000, NaN, NaN

■ 77.1397, -65.7368,
45.4889

■ 77.1397, -65.7368,
45.4889

■ 77.1413, -65.7378,
45.4892

■ 77.3525, -64.6573,
44.2528

■ 77.7613, -62.6405,
42.3748

■ 78.4168, -59.4897,
39.8275

■ 79.3445, -55.1250,
36.6002

■ 80.5618, -49.5222,
32.7067

■ 82.0786, -42.7035,
28.1816

■ 83.8989, -34.7300,
23.0770

■ 86.0216, -25.6914,
17.4566

■ 88.4411, -15.6964,
11.3910

Harmonies

Analogous

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



77.1413, -31.9234, 51.3597



77.1397, -65.7368, 45.4889



77.1413, -80.7825, 23.0387

Triad

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



77.1413, -65.7378, 45.4892



77.1413, -25.8097, -164.2131



77.1413, 120.4700, 27.6600

Complementary

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



77.1397, -65.7368, 45.4889



47.0305, 90.0150, -43.0503

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.



77.1413, 123.4241, -21.0556



77.1397, -65.7368, 45.4889



77.1413, 28.2808, -159.4488

Square

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



77.1413, -65.7378, 45.4892



77.1413, -62.3152, -106.7418



77.1413, 86.1874, -96.2825



77.1413, 78.9641, 46.9097

Rectangle

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



77.1397, -65.7368, 45.4889



77.1413, -81.8003, -8.7289



77.1413, 86.1874, -96.2825



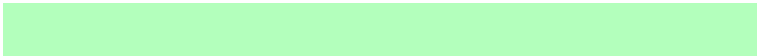
77.1413, 126.3358, 15.2162

Sweetspot

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



77.1413, -65.7378, 45.4892



92.0178, -38.2270, 25.3964



85.3048, -32.9282, 51.9880



42.1624, -19.4653, 12.8792

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.1413, -65.7378, 45.4892



84.6295, -72.1416, 49.9536



78.3970, -57.9274, 27.0592



41.1004, -7.0236, 5.1297



57.5564, -48.9868, 33.8080



16.1590, -13.5362, 9.0235

Inverse Universe

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



47.0305, 90.0150, -43.0503



51.5904, 98.7309, -47.1340



42.8981, 75.1885, 14.3548



39.0895, 2.9673, -0.8545



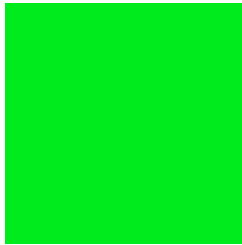
35.1034, 67.2165, -32.3614



9.8824, 18.9956, -9.6738

Previews

White Background



This preview shows how the HunterLab color 77.1397, -65.7368, 45.4889 looks on a white background.

Color Contrast Check

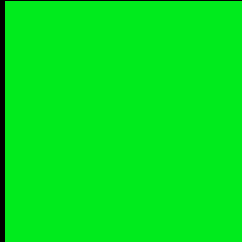
Large Text (above 18pt) WCAG AA × Fail

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 77.1397, -65.7368, 45.4889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

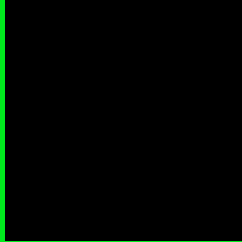
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

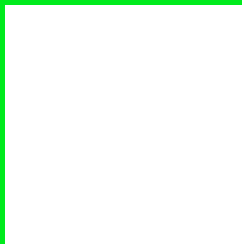
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.1397, -65.7368, 45.4889 Background



This preview shows how black text looks on a background with the HunterLab color 77.1397, -65.7368, 45.4889.



This preview shows how white text looks on a background with the HunterLab color 77.1397, -65.7368, 45.4889.

-65.7368, 45.4889.

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

77.1397, -65.7368, 45.4889

Protanopia

76.1462, -10.5341, 46.3236

Deuteranopia

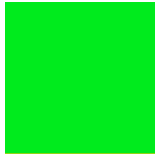
76.3299, 5.6575, 44.0238



Tritanopia

77.0168, -29.3046, -14.1471

Trichromacy



Original Color

77.1397, -65.7368, 45.4889



Protanomaly

73.1929, -41.6792, 43.7967



Deuteranomaly

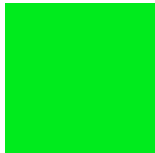
72.3218, -34.4447, 41.7566



Tritanomaly

75.7943, -49.4009, 19.4632

Monochromacy



Original Color

77.1397, -65.7368, 45.4889



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

58.0979, -34.5497, 22.8909

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.1397, -65.7368, 45.4889 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, 29)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 29)  
}
```

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, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 77.1397, -65.7368, 45.4889 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, 29) }
```


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

```
.border{ border-color:rgb(0, 235, 29) }
```

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, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 29);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.1397, -65.7368, 45.4889 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, 29) }
```

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

```
.background{ background-color: rgb(0, 235,  
29) }
```

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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