

Converting Colors

HunterLab(77.8068, -66.2738,
45.9033)

Have a look what the booklet for
HunterLab(77.8068, -66.2738,
45.9033) contains.

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Color

**HunterLab(77.8909,
-66.3423, 45.9498)**

Conversions

Conversions Part 1

Format	Color
Hex	02ED1D
RGB	2, 237, 29
RGB Percent	1%, 93%, 11%
CMY	0.9922, 0.0706, 0.8862
CMYK	0.99, 0.00, 0.88, 0.07
HSL	127°, 98%, 47%
HSV	127°, 99%, 93%
XYZ	30.5310, 60.6699, 11.2637
YIQ	143.0230, -73.2920, -114.5080

Conversions

Conversions Part 2

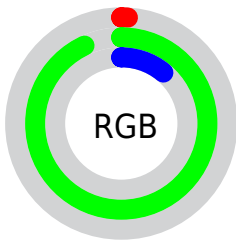
Format	Color
RYB	2, 213, 237
Decimal	191773
CIELab	82.20, -80.85, 75.42
CIELCh	82, 110.570, 136.989
Yxy	60.6724, 0.2980, 0.5921
Android (android.graphics.Color)	4278381853 (0xFF02ED1D)
YUV	143.0230, -56.2133, -123.6772
Hunter-Lab	77.8909, -66.3423, 45.9498

Details

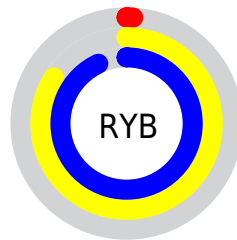
The HunterLab color **77.8909, -66.3423, 45.9498** is a dark color, and the websafe version is hex **33FF33**. The color can be described as dark washed green. A complement of this color would be **47.6459, 91.1257, -44.9118**, and the grayscale version is **52.6598, -2.8098, 2.8611**.

A 20% lighter version of the original color is **87.2047, -60.4262, 44.8209**, and **56.7805, -48.6892, 34.1355** is the 20% darker color. If you saturate the color by 10%, you get **77.8788, -66.4131, 46.0252**, and if you desaturate by 10%, it is **78.1132, -65.2203, 44.7016**.

Distribution



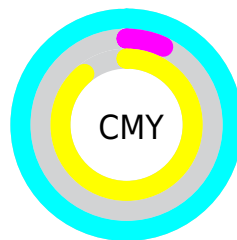
- Red (1%)
- Green (93%)
- Blue (11%)



- Red (1%)
- Yellow (84%)
- Blue (93%)



- Cyan (99%)
- Magenta (0%)
- Yellow (88%)
- Black (7%)





- Cyan (99%)
- Magenta (7%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.8909, -66.3423, 45.9498 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 77.8909, -66.3423, 45.9498 by changing the saturation by 10% instead.


 77.8909, -66.3423,
45.9498


 77.8909, -66.3423,
45.9498


206.6572,
-105.7699, 84.3309

 66.3030, -61.1282,
40.9314


 102.8613,
-76.0879, 55.4062

 55.3532, -55.6202,
35.6907


 116.1868,
-80.6873, 59.8867


 45.0829, -49.7509,
30.2161


 130.0427,
-85.1393, 64.2274

 35.5405, -43.4266,
24.8784

 144.4094,
-89.4637, 68.4446

 26.7864, -36.5174,
18.7505

 159.2694,
-93.6766, 72.5522

 18.8994, -29.6505,
13.2296

 174.6068,

 11.9878, -20.9787,

-97.7913, 76.5624

8.3915

190.4071,
-101.8193, 80.4856

■ 4.9377, -8.6410,
3.4564

0.0000, NaN, NaN

■ 77.8909, -66.3423,
45.9498

■ 77.8909, -66.3423,
45.9498

■ 77.8788, -66.4131,
46.0252

■ 78.1132, -65.2203,
44.7016

■ 78.5419, -63.1143,
42.7964

■ 79.2230, -59.8483,
40.2014

■ 80.1821, -55.3450,
36.9046

■ 81.4360, -49.5832,
32.9197

■ 82.9943, -42.5890,
28.2824

■ 84.8608, -34.4268,
23.0461

■ 87.0337, -25.1899,
17.2764

■ 89.5072, -14.9902,
11.0458

Harmonies

Analogous

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



77.8925, -32.1691, 51.8634



77.8909, -66.3423, 45.9498



77.8925, -81.5607, 23.3181

Triad

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



77.8925, -66.3433, 45.9501



77.8925, -26.1314, -165.7734



77.8925, 121.6846, 27.8818

Complementary

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



77.8909, -66.3423, 45.9498



47.6459, 91.1257, -44.9118

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.



77.8925, 124.6020, -21.3601



77.8909, -66.3423, 45.9498



77.8925, 28.4676, -161.0682

Square

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



77.8925, -66.3433, 45.9501



77.8925, -62.9634, -107.6713



77.8925, 86.9516, -97.3418



77.8925, 79.8181, 47.3528

Rectangle

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



77.8909, -66.3423, 45.9498



77.8925, -82.6039, -8.7253



77.8925, 86.9516, -97.3418



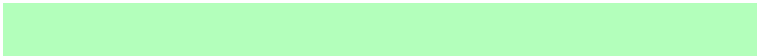
77.8925, 127.5865, 15.3000

Sweetspot

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



77.8925, -66.3433, 45.9501



92.0025, -38.3160, 25.6170



86.4851, -31.8814, 52.6942



42.1548, -19.5100, 12.9893

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.8925, -66.3433, 45.9501



84.6228, -72.1833, 50.0519



79.0993, -58.8346, 28.2311



41.0978, -7.0379, 5.1663



57.5513, -49.0187, 33.8832



16.1559, -13.5556, 9.0692

Inverse Universe

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



47.6459, 91.1257, -44.9118



51.7048, 99.1325, -48.6541



43.4663, 76.1236, 13.0208



39.0925, 2.9832, -0.8966



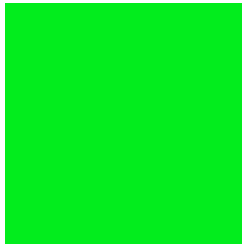
35.1799, 67.4847, -33.3760



9.9011, 19.0610, -9.9206

Previews

White Background



This preview shows how the HunterLab color 77.8909, -66.3423, 45.9498 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 77.8909, -66.3423, 45.9498 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

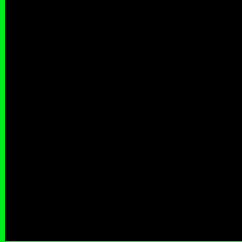
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

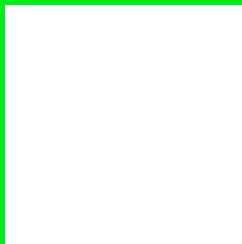
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.8909, -66.3423, 45.9498 Background



This preview shows how black text looks on a background with the HunterLab color 77.8909, -66.3423, 45.9498.



This preview shows how white text looks on a background with the HunterLab color 77.8909, -66.3423, 45.9498.

-66.3423, 45.9498.

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

77.8909, -66.3423, 45.9498

Protanopia

76.9696, -10.7543, 46.8625

Deuteranopia

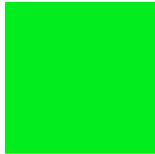
76.8606, 5.9666, 44.3777



Tritanopia

77.4675, -29.1803, -14.6844

Trichromacy



Original Color

77.8909, -66.3423, 45.9498



Protanomaly

74.0041, -41.9749, 44.2977



Deuteranomaly

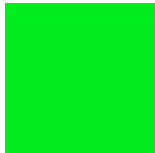
72.8000, -34.3022, 42.0682



Tritanomaly

76.2177, -49.4625, 19.5084

Monochromacy



Original Color

77.8909, -66.3423, 45.9498



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

58.8888, -34.7516, 23.0226

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.8909, -66.3423, 45.9498 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(2, 237, 29)` looks like.

```
.text, #text, p{  
    color:rgb(2, 237, 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(2, 237, 29) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 237, 29) }
```

Border

The CSS property to change the border of an element to HunterLab 77.8909, -66.3423, 45.9498 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(2, 237, 29) }
```


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

```
.border{ border-color:rgb(2, 237, 29) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 237, 29)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 237, 29); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 237, 29);  
box-shadow:4px 4px 4px 4px rgb(2, 237, 29)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.8909, -66.3423, 45.9498 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 237, 29) }
```

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

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