

Converting Colors

HunterLab(77.0907, -66.0444,
46.2142)

Have a look what the booklet for
HunterLab(77.0907, -66.0444,
46.2142) contains.

HunterLab(77.0907, -66.0444, 46.2142)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(77.0907,
-66.0444, 46.2142)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB06
RGB	0, 235, 6
RGB Percent	0%, 92%, 2%
CMY	1.0000, 0.0784, 0.9763
CMYK	1.00, 0.00, 0.97, 0.08
HSL	122°, 100%, 46%
HSV	122°, 100%, 92%
XYZ	29.7412, 59.4298, 10.0759
YIQ	138.6290, -66.5510, -121.0390

Conversions

Conversions Part 2

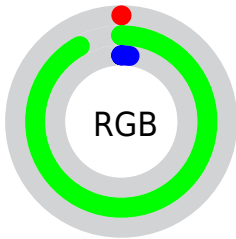
Format	Color
RYB	0, 229, 235
Decimal	60166
CIELab	81.53, -80.93, 77.69
CIELCh	82, 112.179, 136.170
Yxy	59.4322, 0.2997, 0.5988
Android (android.graphics.Color)	4278250246 (0xFF00EB06)
YUV	138.6290, -65.3861, -121.5776
Hunter-Lab	77.0907, -66.0444, 46.2142

Details

The HunterLab color **77.0907, -66.0444, 46.2142** 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 **48.2891, 94.4081, -59.5823**, and the grayscale version is **50.9376, -2.7179, 2.7675**.

A 20% lighter version of the original color is **87.0836, -61.0903, 46.0054**, and **56.0752, -48.0845, 33.7115** is the 20% darker color. If you saturate the color by 10%, you get **77.0923, -66.0454, 46.2145**, and if you desaturate by 10%, it is **77.2629, -65.2189, 45.5787**.

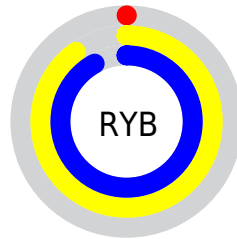
Distribution



Red (0%)

Green (92%)

Blue (2%)



Red (0%)

Yellow (90%)

Blue (92%)

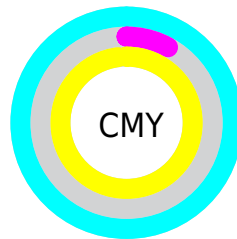


Cyan (100%)

Magenta (0%)

Yellow (97%)

Black (8%)



Cyan (100%)

Magenta (8%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 77.0907, -66.0444, 46.2142 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 77.0907, -66.0444, 46.2142 by changing the saturation by 10% instead.

■ 77.0907, -66.0444,
46.2142

■ 77.0907, -66.0444,
46.2142

205.5485,
-105.5841, 85.6962

■ 65.5448, -60.8077,
41.0474

■ 101.9831,
-75.8261, 55.9524

■ 54.6394, -55.2727,
35.6561

■ 115.2722,
-80.4402, 60.5651

■ 44.4165, -49.3705,
30.0504

■ 129.0930,
-84.9052, 65.0325

■ 34.9252, -43.0055,
24.4476

■ 143.4258,
-89.2412, 69.3710

■ 26.2268, -36.0446,
18.3588

■ 158.2531,
-93.4645, 73.5949

■ 18.4016, -29.3922,
12.8812

■ 173.5587,

■ 11.5608, -20.2315,

-97.5888, 77.7168

8.0926

189.3283,
-101.6255, 81.7474

■ 4.1137, -7.1990,
2.8796

0.0000, NaN, NaN

■ 77.0907, -66.0444,
46.2142

■ 77.0907, -66.0444,
46.2142

■ 77.0923, -66.0454,
46.2145

■ 77.2629, -65.2189,
45.5787

■ 77.6336, -63.4371,
44.2613

■ 78.2586, -60.4690,
42.1582

■ 79.1666, -56.2153,
39.2139

■ 80.3769, -50.6400,
35.4118

■ 81.9010, -43.7605,
30.7689

■ 83.7435, -35.6382,
25.3300

■ 85.9035, -26.3680,
19.1605

■ 88.3749, -16.0669,
12.3394

Harmonies

Analogous

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



77.0923, -31.1645, 51.6568



77.0907, -66.0444, 46.2142



77.0923, -81.7201, 24.4106

Triad

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



77.0923, -66.0454, 46.2145



77.0923, -27.5838, -168.7017



77.0923, 124.4230, 27.1012

Complementary

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



77.0907, -66.0444, 46.2142



48.2891, 94.4081, -59.5823

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.



77.0923, 126.1741, -23.6115



77.0907, -66.0444, 46.2142



77.0923, 27.2635, -165.8546

Square

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



77.0923, -66.0454, 46.2145



77.0923, -64.0545, -107.7879



77.0923, 86.8925, -101.5569



77.0923, 82.6193, 47.0177

Rectangle

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



77.0907, -66.0444, 46.2142



77.0923, -83.0422, -7.2957



77.0923, 86.8925, -101.5569



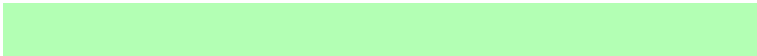
77.0923, 130.0436, 14.1530

Sweetspot

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



77.0923, -66.0454, 46.2145



91.8469, -39.2262, 27.8747



87.4200, -24.9747, 53.4305



42.0777, -19.9646, 14.1105

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.0923, -66.0454, 46.2145



84.5780, -72.4651, 50.7162



77.9806, -60.5013, 33.1360



41.0712, -7.1870, 5.5484



57.5137, -49.2548, 34.4398



16.1234, -13.7591, 9.5492

Inverse Universe

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



48.2891, 94.4081, -59.5823



52.9769, 103.5704, -65.3464



43.4377, 77.1635, 6.5562



39.1238, 3.1507, -1.3408



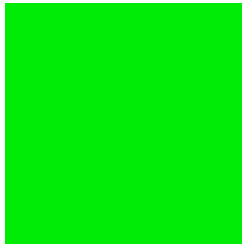
36.0283, 70.4439, -44.5044



10.1064, 19.7763, -12.6074

Previews

White Background



This preview shows how the HunterLab color 77.0907, -66.0444, 46.2142 looks on a white background.

Color Contrast Check

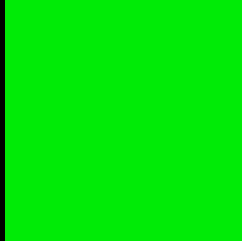
Large Text (above 18pt) WCAG AA × Fail

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 77.0907, -66.0444, 46.2142 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

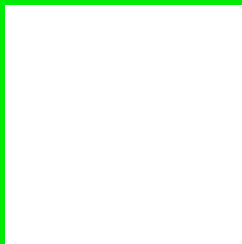
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.0907, -66.0444, 46.2142 Background



This preview shows how black text looks on a background with the HunterLab color 77.0907, -66.0444, 46.2142.



This preview shows how white text looks on a background with the HunterLab color 77.0907,

-66.0444, 46.2142.

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

77.0907, -66.0444, 46.2142

Protanopia

76.1197, -10.6820, 46.7176

Deuteranopia

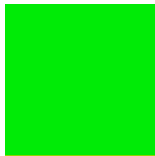
76.0009, 5.9352, 44.4920



Tritanopia

76.7148, -28.7135, -14.5634

Trichromacy



Original Color

77.0907, -66.0444, 46.2142



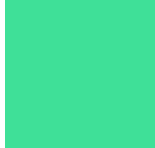
Protanomaly

73.1589, -41.8830, 44.3004



Deuteranomaly

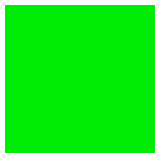
71.9288, -34.3734, 42.4097



Tritanomaly

75.2563, -50.1692, 22.0908

Monochromacy



Original Color

77.0907, -66.0444, 46.2142



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

57.5345, -35.3814, 24.6335

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.0907, -66.0444, 46.2142 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, 6)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 6)  
}
```

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, 6) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 6) }
```

Border

The CSS property to change the border of an element to HunterLab 77.0907, -66.0444, 46.2142 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, 6) }
```


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

```
.border{ border-color:rgb(0, 235, 6) }
```

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, 6)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 6); -webkit-box-shadow:4px  
4px 4px 4px rgb(0, 235, 6); box-shadow:4px  
4px 4px 4px rgb(0, 235, 6) }
```

Background

The CSS property to change the background color of an element to HunterLab 77.0907, -66.0444, 46.2142 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, 6) }
```

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

```
.background{ background-color: rgb(0, 235,  
6) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor