

Converting Colors

HunterLab(77.3992, -64.1245,
41.6841)

Have a look what the booklet for
HunterLab(77.3992, -64.1245,
41.6841) contains.

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Color

**HunterLab(77.3936,
-64.1461, 41.7377)**

Conversions

Conversions Part 1

Format	Color
Hex	00EB49
RGB	0, 235, 73
RGB Percent	0%, 92%, 29%
CMY	1.0000, 0.0784, 0.7137
CMYK	1.00, 0.00, 0.69, 0.08
HSL	139°, 100%, 46%
HSV	139°, 100%, 92%
XYZ	30.9109, 59.8977, 16.2356
YIQ	146.2670, -88.0580, -100.2020

Conversions

Conversions Part 2

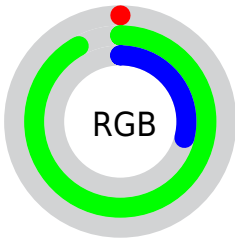
Format	Color
RYB	0, 179, 235
Decimal	60233
CIELab	81.78, -77.63, 62.53
CIELCh	82, 99.687, 141.148
Yxy	59.9002, 0.2888, 0.5596
Android (android.graphics.Color)	4278250313 (0xFF00EB49)
YUV	146.2670, -36.1206, -128.2762
Hunter-Lab	77.3936, -64.1461, 41.7377

Details

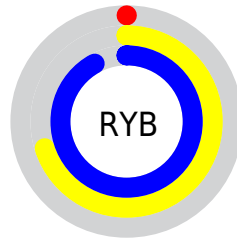
The HunterLab color **77.3936, -64.1461, 41.7377** is a dark color, and the websafe version is hex **33FF66**. The color can be described as dark washed green. A complement of this color would be **45.0241, 82.8985, -15.8198**, and the grayscale version is **53.8887, -2.8754, 2.9279**.

A 20% lighter version of the original color is **87.4927, -58.4391, 38.8154**, and **56.0752, -48.0845, 33.7115** is the 20% darker color. If you saturate the color by 10%, you get **77.3952, -64.1473, 41.7384**, and if you desaturate by 10%, it is **77.6736, -62.6515, 39.5164**.

Distribution



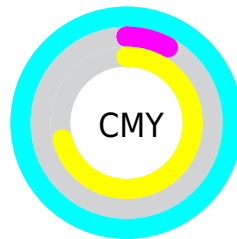
- Red (0%)
- Green (92%)
- Blue (29%)



- Red (0%)
- Yellow (70%)
- Blue (92%)



- Cyan (100%)
- Magenta (0%)
- Yellow (69%)
- Black (8%)





- Cyan (100%)
- Magenta (8%)
- Yellow (71%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 77.3936, -64.1461, 41.7377 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 77.3936, -64.1461, 41.7377 by changing the saturation by 10% instead.


 77.3936, -64.1461,
41.7377


 77.3936, -64.1461,
41.7377


205.9684,
-102.2139, 74.3347

 65.8317, -59.1228,
37.4940


 102.3156,
-73.5408, 49.7272

 54.9095, -53.8180,
33.0478


 115.6185,
-77.9777, 53.5171

 44.6686, -48.1660,
28.3703


 129.4526,
-82.2745, 57.1948

 35.1579, -42.0753,
23.4897

 143.7983,
-86.4501, 60.7747

 26.4384, -35.4171,
18.5069

 158.6379,
-90.5200, 64.2690

 18.5897, -28.7200,
13.0128

173.9556,

 11.7220, -20.5135,

-94.4970, 67.6881

8.2054

189.7368,
-98.3920, 71.0408

■ 4.4440, -7.7769,
3.1108

0.0000, NaN, NaN

■ 77.3936, -64.1461,
41.7377

■ 77.3936, -64.1461,
41.7377

■ 77.3952, -64.1473,
41.7384

■ 77.6736, -62.6515,
39.5164

■ 78.1356, -60.3149,
36.8665

■ 78.8260, -56.9668,
33.8219

■ 79.7674, -52.5451,
30.4149

■ 80.9749, -47.0342,
26.6862

■ 82.4575, -40.4567,
22.6829

■ 84.2188, -32.8666,
18.4562

■ 86.2580, -24.3409,
14.0588

■ 88.5705, -14.9724,
9.5414

Harmonies

Analogous

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



77.3952, -34.9606, 49.6680



77.3936, -64.1461, 41.7377



77.3952, -76.3548, 16.6479

Triad

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



77.3952, -64.1471, 41.7380



77.3952, -17.9552, -144.4891



77.3952, 103.3373, 29.8522

Complementary

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



77.3936, -64.1461, 41.7377



45.0241, 82.8985, -15.8198

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.



77.3952, 111.1154, -10.7041



77.3936, -64.1461, 41.7377



77.3952, 32.4295, -132.4106

Square

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



77.3952, -64.1471, 41.7380



77.3952, -54.3369, -101.4701



77.3952, 82.6083, -74.5571



77.3952, 63.4123, 46.3300

Rectangle

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



77.3936, -64.1461, 41.7377



77.3952, -75.9733, -14.9569



77.3952, 82.6083, -74.5571



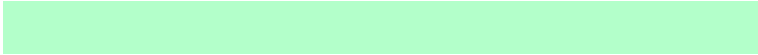
77.3952, 110.1300, 19.4645

Sweetspot

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



77.3952, -64.1471, 41.7380



92.3694, -36.1776, 20.3125



82.0764, -45.4986, 49.7785



42.3392, -18.4266, 10.3176

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



77.3952, -64.1471, 41.7380



84.9044, -70.4188, 45.8908



79.4041, -51.7639, 12.4954



41.1573, -6.7053, 4.3143



57.7546, -47.7450, 30.8795



16.2357, -13.0571, 7.8934

Inverse Universe

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



45.0241, 82.8985, -15.8198



49.3823, 90.8989, -17.1612



42.2708, 72.8751, 23.5502



39.0250, 2.6218, 0.0621



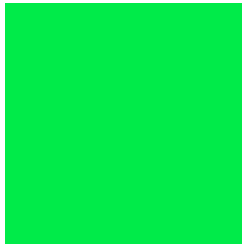
33.6237, 61.9706, -12.2952



9.5127, 17.6893, -4.6940

Previews

White Background



This preview shows how the HunterLab color 77.3936, -64.1461, 41.7377 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 77.3936, -64.1461, 41.7377 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

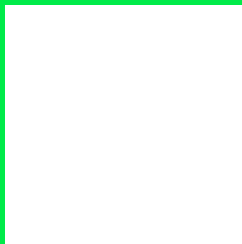
Any Text WCAG AAA ✓ Pass

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

HunterLab 77.3936, -64.1461, 41.7377 Background



This preview shows how black text looks on a background with the HunterLab color 77.3936, -64.1461, 41.7377.



This preview shows how white text looks on a background with the HunterLab color 77.3936, -64.1461, 41.7377.

-64.1461, 41.7377.

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

77.3936, -64.1461, 41.7377

Protanopia

76.6681, -9.8191, 43.3196

Deuteranopia

76.6341, 5.7279, 40.1789



Tritanopia

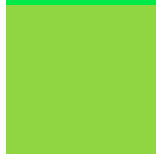
77.3225, -29.8080, -14.3118

Trichromacy



Original Color

77.3936, -64.1461, 41.7377



Protanomaly

73.7751, -40.6459, 40.4807



Deuteranomaly

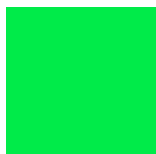
72.8747, -33.4359, 37.6616



Tritanomaly

76.1688, -47.0893, 13.7328

Monochromacy



Original Color

77.3936, -64.1461, 41.7377



Achromatopsia

53.6135, -2.8607, 2.9129



Achromatomaly

59.5818, -33.0728, 18.7677

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 77.3936, -64.1461, 41.7377 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, 73)` looks like.

```
.text, #text, p{  
    color:rgb(0, 235, 73)  
}
```

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, 73) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 235, 73) }
```

Border

The CSS property to change the border of an element to HunterLab 77.3936, -64.1461, 41.7377 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, 73) }
```


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

```
.border{ border-color:rgb(0, 235, 73) }
```

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, 73)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 235, 73); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 235, 73);  
box-shadow:4px 4px 4px 4px rgb(0, 235, 73)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 77.3936, -64.1461, 41.7377 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, 73) }
```

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

```
.background{ background-color: rgb(0, 235,  
73) }
```

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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