

Converting Colors

HunterLab(72.9466, -62.4146,
43.8284)

Have a look what the booklet for
HunterLab(72.9466, -62.4146,
43.8284) contains.

HunterLab(73.0382, -62.5060, 43.8882)	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(73.0382,
-62.5060, 43.8882)**

Conversions

Conversions Part 1

Format	Color
Hex	05E001
RGB	5, 224, 1
RGB Percent	2%, 88%, 0%
CMY	0.9804, 0.1216, 0.9960
CMYK	0.98, 0.00, 1.00, 0.12
HSL	119°, 99%, 44%
HSV	119°, 100%, 88%
XYZ	26.7237, 53.3458, 8.9170
YIQ	133.0970, -58.9410, -115.7810

Conversions

Conversions Part 2

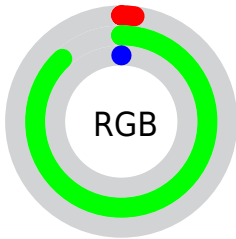
Format	Color
RYB	1, 224, 220
Decimal	385025
CIELab	78.08, -77.95, 75.35
CIELCh	78, 108.418, 135.973
Yxy	53.3480, 0.3003, 0.5995
Android (android.graphics.Color)	4278575105 (0xFF05E001)
YUV	133.0970, -65.1238, -112.3411
Hunter-Lab	73.0382, -62.5060, 43.8882

Details

The HunterLab color **73.0382, -62.5060, 43.8882** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **45.4151, 89.4986, -62.5185**, and the grayscale version is **48.7372, -2.6005, 2.6480**.

A 20% lighter version of the original color is **86.9693, -61.6386, 46.5089**, and **52.5713, -45.0799, 31.6050** is the 20% darker color. If you saturate the color by 10%, you get **73.0337, -62.5358, 43.9082**, and if you desaturate by 10%, it is **73.2189, -61.6572, 43.3629**.

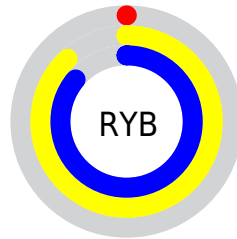
Distribution



Red (2%)

Green (88%)

Blue (0%)



Red (0%)

Yellow (88%)

Blue (86%)

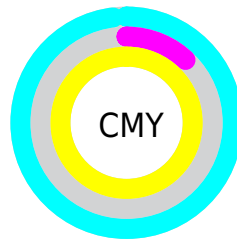


Cyan (98%)

Magenta (0%)

Yellow (100%)

Black (12%)



Cyan (98%)

Magenta (12%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.0382, -62.5060, 43.8882 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 73.0382, -62.5060, 43.8882 by changing the saturation by 10% instead.

73.0382, -62.5060,
43.8882

73.0382, -62.5060,
43.8882

199.9047,
-101.1401, 82.7024

61.7095, -57.3648,
38.7849

97.5276, -72.0863,
53.4874

51.0346, -51.9182,
33.4526

110.6282,
-76.5978, 58.0267

41.0579, -46.0921,
27.9787

124.2679,
-80.9603, 62.4190

31.8323, -39.7824,
22.2826

138.4263,
-85.1943, 66.6816

23.4248, -32.8428,
16.3973

153.0849,
-89.3166, 70.8292

15.9244, -27.8677,
11.1471

168.2273,

9.4580, -16.5515,

-93.3410, 74.8747

6.6206

183.8385,
-97.2789, 78.8292

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.0382, -62.5060,
43.8882

■ 73.0382, -62.5060,
43.8882

■ 73.0337, -62.5358,
43.9082

■ 73.2189, -61.6572,
43.3629


■ 73.5951, -59.8769,
42.2325


■ 74.2115, -56.9752,
40.3325


■ 75.0932, -52.8660,
37.5976


■ 76.2573, -47.5201,

34.0035

 77.7136, -40.9569,
29.5602

 79.4660, -33.2355,
24.3062

 81.5129, -24.4452,
18.3015

 83.8489, -14.6947,
11.6203

Harmonies

Analogous

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



73.0397, -29.2887, 48.9749



73.0382, -62.5060, 43.8882



73.0397, -77.4793, 23.3805

Triad

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



73.0397, -62.5070, 43.8884



73.0397, -26.4645, -160.0924



73.0397, 118.3177, 25.5014

Complementary

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



73.0382, -62.5060, 43.8882



45.4151, 89.4986, -62.5185

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.



73.0397, 119.7004, -22.8544



73.0382, -62.5060, 43.8882



73.0397, 25.5108, -157.8427

Square

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



73.0397, -62.5070, 43.8884



73.0397, -60.9376, -101.9088



73.0397, 82.1796, -96.9866



73.0397, 78.8061, 44.5200

Rectangle

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



73.0382, -62.5060, 43.8882



73.0397, -78.7973, -6.5625



73.0397, 82.1796, -96.9866



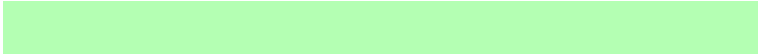
73.0397, 123.5653, 13.1455

Sweetspot

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



73.0397, -62.5070, 43.8884



91.8919, -39.1395, 28.5919



80.7808, -18.8395, 49.4252



42.0998, -19.9210, 14.4629

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.0397, -62.5070, 43.8884



84.5868, -72.4442, 50.8537



73.7169, -58.2413, 33.6370



39.1776, -6.8189, 5.3970



55.7237, -47.6898, 33.5018



14.6849, -12.4949, 8.8300

Inverse Universe

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



45.4151, 89.4986, -62.5185



52.5632, 103.7516, -72.5095



41.5032, 74.2013, 1.5115



37.3129, 2.9664, -1.4069



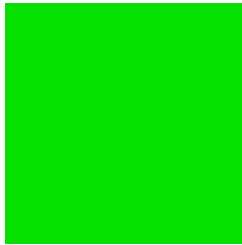
34.6352, 68.3582, -47.7295



9.1407, 18.0291, -12.5072

Previews

White Background



This preview shows how the HunterLab color 73.0382, -62.5060, 43.8882 looks on a white background.

Color Contrast Check

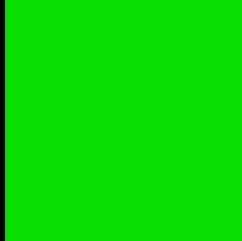
Large Text (above 18pt) WCAG AA × Fail

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 73.0382, -62.5060, 43.8882 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

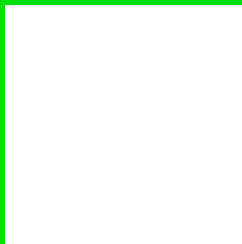
Any Text WCAG AAA ✓ Pass

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

HunterLab 73.0382, -62.5060, 43.8882 Background



This preview shows how black text looks on a background with the HunterLab color 73.0382, -62.5060, 43.8882.



This preview shows how white text looks on a background with the HunterLab color 73.0382, -62.5060, 43.8882.

-62.5060, 43.8882.

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

73.0382, -62.5060, 43.8882

Protanopia

72.3175, -10.1303, 44.3844

Deuteranopia

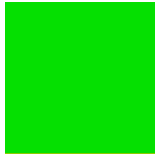
71.9686, 5.5415, 42.0499



Tritanopia

72.7514, -27.3015, -13.7024

Trichromacy



Original Color

73.0382, -62.5060, 43.8882



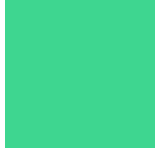
Protanomaly

69.7673, -39.6056, 42.2969



Deuteranomaly

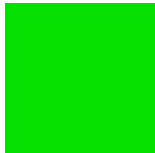
68.5604, -32.1255, 40.5025



Tritanomaly

71.5059, -47.5822, 21.3506

Monochromacy



Original Color

73.0382, -62.5060, 43.8882



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

54.6871, -33.3149, 23.7970

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.0382, -62.5060, 43.8882 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(5, 224, 1)` looks like.

```
.text, #text, p{  
    color:rgb(5, 224, 1)  
}
```

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(5, 224, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 224, 1) }
```

Border

The CSS property to change the border of an element to HunterLab 73.0382, -62.5060, 43.8882 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(5, 224, 1) }
```


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

```
.border{ border-color:rgb(5, 224, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 224, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 224, 1); -webkit-box-shadow:4px  
4px 4px 4px rgb(5, 224, 1); box-shadow:4px  
4px 4px 4px rgb(5, 224, 1) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.0382, -62.5060, 43.8882 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 224, 1) }
```

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

```
.background{ background-color: rgb(5, 224,  
1) }
```

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