

Converting Colors

HunterLab(72.3059, -61.4169,
42.2055)

Have a look what the booklet for
HunterLab(72.3059, -61.4169,
42.2055) contains.

HunterLab(72.3629, -61.4525, 42.2110)	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(72.3629,
-61.4525, 42.2110)**

Conversions

Conversions Part 1

Format	Color
Hex	00DE23
RGB	0, 222, 35
RGB Percent	0%, 87%, 14%
CMY	1.0000, 0.1294, 0.8627
CMYK	1.00, 0.00, 0.84, 0.13
HSL	129°, 100%, 44%
HSV	129°, 100%, 87%
XYZ	26.4247, 52.3639, 10.3046
YIQ	134.3040, -72.2850, -105.2210

Conversions

Conversions Part 2

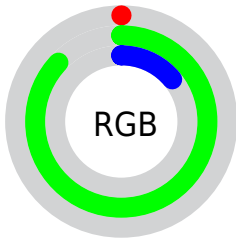
Format	Color
RYB	0, 192, 222
Decimal	56867
CIELab	77.50, -76.68, 70.06
CIELCh	77, 103.863, 137.582
Yxy	52.3661, 0.2966, 0.5877
Android (android.graphics.Color)	4278246947 (0xFF00DE23)
YUV	134.3040, -48.9569, -117.7846
Hunter-Lab	72.3629, -61.4525, 42.2110

Details

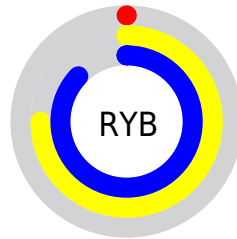
The HunterLab color **72.3629, -61.4525, 42.2110** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **43.7240, 83.0834, -35.3499**, and the grayscale version is **49.1563, -2.6229, 2.6708**.

A 20% lighter version of the original color is **87.0263, -61.1399, 44.5127**, and **51.8751, -44.4829, 31.1864** is the 20% darker color. If you saturate the color by 10%, you get **72.3644, -61.4535, 42.2113**, and if you desaturate by 10%, it is **72.5818, -60.3301, 40.8465**.

Distribution



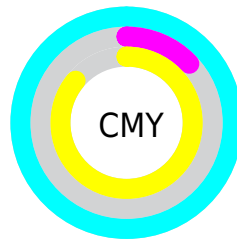
- Red (0%)
- Green (87%)
- Blue (14%)



- Red (0%)
- Yellow (75%)
- Blue (87%)



- Cyan (100%)
- Magenta (0%)
- Yellow (84%)
- Black (13%)



- Cyan (100%)
- Magenta (13%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.3629, -61.4525, 42.2110 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 72.3629, -61.4525, 42.2110 by changing the saturation by 10% instead.

■ 72.3629, -61.4525,
42.2110

■ 72.3629, -61.4525,
42.2110

198.9593,
-99.5870, 78.6569

■ 61.0712, -56.3775,
37.4161

■ 96.7837, -70.9077,
51.2169

■ 50.4356, -50.9998,
32.3941

■ 109.8523,
-75.3602, 55.4743

■ 40.5010, -45.2449,
27.1393

■ 123.4614,
-79.6658, 59.5950

■ 31.3209, -39.0082,
21.9246

■ 137.5901,
-83.8448, 63.5957

■ 22.9633, -32.1415,
16.0743

■ 152.2202,
-87.9138, 67.4908

■ 15.5190, -27.1583,
10.8633

■ 167.3349,

■ 9.1116, -15.9453,

-91.8866, 71.2926

6.3781

182.9192,
-95.7744, 75.0116

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.3629, -61.4525,
42.2110

■ 72.3629, -61.4525,
42.2110

■ 72.3644, -61.4535,
42.2113

■ 72.5818, -60.3301,
40.8465

■ 72.9810, -58.3491,
38.9112

■ 73.6079, -55.3286,
36.3960

■ 74.4852, -51.2006,
33.3021

■ 75.6282, -45.9458,

29.6494

■ 77.0460, -39.5866,
25.4744

■ 78.7420, -32.1792,
20.8265

■ 80.7150, -23.8052,
15.7637

■ 82.9600, -14.5631,
10.3484

Harmonies

Analogous

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



72.3644, -30.3637, 47.9724



72.3629, -61.4525, 42.2110



72.3644, -75.1918, 20.7906

Triad

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



72.3644, -61.4535, 42.2113



72.3644, -23.1670, -151.3695



72.3644, 110.6738, 26.2507

Complementary

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



72.3629, -61.4525, 42.2110



43.7240, 83.0834, -35.3499

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.



72.3644, 114.1249, -18.2933



72.3629, -61.4525, 42.2110



72.3644, 27.0979, -145.8320

Square

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



72.3644, -61.4535, 42.2113



72.3644, -57.4075, -99.4553



72.3644, 80.3880, -87.2743



72.3644, 71.9385, 43.9199

Rectangle

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



72.3629, -61.4525, 42.2110



72.3644, -75.9667, -9.0165



72.3644, 80.3880, -87.2743



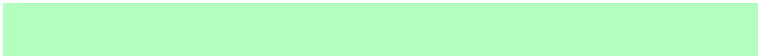
72.3644, 116.3106, 14.8689

Sweetspot

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



72.3644, -61.4535, 42.2113



92.0797, -37.8657, 24.5001



79.3887, -33.1748, 48.3381



42.1933, -19.2835, 12.4309

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.3644, -61.4535, 42.2113



84.6609, -71.9446, 49.4889



73.6665, -53.3657, 23.1246



39.2076, -6.6216, 4.7386



55.7797, -47.3022, 32.3921



14.7229, -12.2189, 7.9747

Inverse Universe

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



43.7240, 83.0834, -35.3499



51.1423, 97.1545, -41.1518



40.0950, 70.0248, 15.3564



37.2781, 2.7448, -0.6399



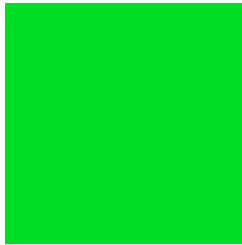
33.7177, 64.1028, -27.5152



8.9339, 17.0767, -8.0029

Previews

White Background



This preview shows how the HunterLab color 72.3629, -61.4525, 42.2110 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 72.3629, -61.4525, 42.2110 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

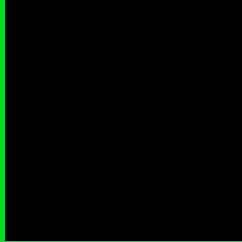
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

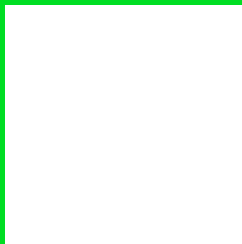
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.3629, -61.4525, 42.2110 Background



This preview shows how black text looks on a background with the HunterLab color 72.3629, -61.4525, 42.2110.



This preview shows how white text looks on a background with the HunterLab color 72.3629, -61.4525, 42.2110.

-61.4525, 42.2110.

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

72.3629, -61.4525, 42.2110

Protanopia

71.5525, -9.6352, 43.1119

Deuteranopia

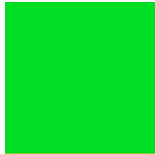
71.5019, 5.5475, 40.8369



Tritanopia

72.3053, -27.4250, -13.1715

Trichromacy



Original Color

72.3629, -61.4525, 42.2110



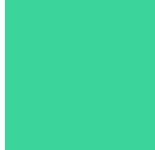
Protanomaly

68.9667, -39.1744, 40.8118



Deuteranomaly

67.7051, -31.8683, 38.5191



Tritanomaly

70.9812, -45.5972, 17.0374

Monochromacy



Original Color

72.3629, -61.4525, 42.2110



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

54.8503, -32.2454, 20.7434

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.3629, -61.4525, 42.2110 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, 222, 35)` looks like.

```
.text, #text, p{  
    color:rgb(0, 222, 35)  
}
```

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, 222, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 222, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 72.3629, -61.4525, 42.2110 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, 222, 35) }
```


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

```
.border{ border-color:rgb(0, 222, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 222, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 222, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 222, 35);  
box-shadow:4px 4px 4px 4px rgb(0, 222, 35)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 72.3629, -61.4525, 42.2110 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 222, 35) }
```

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

```
.background{ background-color: rgb(0, 222,  
35) }
```

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