

# Converting Colors

HunterLab(72.5192, -60.3767,  
42.2136)

Have a look what the booklet for  
HunterLab(72.5192, -60.3767,  
42.2136) contains.

<b>HunterLab(72.5944, -60.4481, 42.2446)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(72.5944,  
-60.4481, 42.2446)**

# Conversions

## Conversions Part 1

Format	Color
Hex	21DE25
RGB	33, 222, 37
RGB Percent	13%, 87%, 15%
CMY	0.8706, 0.1294, 0.8549
CMYK	0.85, 0.00, 0.83, 0.13
HSL	121°, 74%, 50%
HSV	121°, 85%, 87%
XYZ	27.0824, 52.6995, 10.4949
YIQ	144.3990, -53.2590, -97.6030

# Conversions

## Conversions Part 2

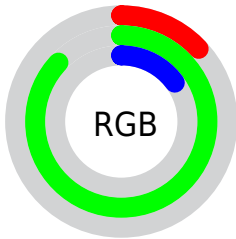
Format	Color
<b>RYB</b>	33, 218, 222
Decimal	2219557
CIELab	77.70, -74.85, 69.85
CIELCh	78, 102.376, 136.981
Yxy	52.7017, 0.3000, 0.5837
Android (android.graphics.Color)	4280409637 (0xFF21DE25)
YUV	144.3990, -52.9477, -97.6969
Hunter-Lab	72.5944, -60.4481, 42.2446

# Details

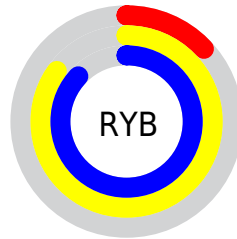
The HunterLab color  $72.5944, -60.4481, 42.2446$  is a dark color, and the websafe version is hex  $00CC00$ . The color can be described as dark washed green. A complement of this color would be  $46.5615, 84.6045, -54.2860$ , and the grayscale version is  $53.1932, -2.8383, 2.8901$ .

A 20% lighter version of the original color is  $87.3451, -59.8050, 44.5906$ , and  $51.8751, -44.4829, 31.1864$  is the 20% darker color. If you saturate the color by 10%, you get  $72.3531, -61.6207, 43.1259$ , and if you desaturate by 10%, it is  $73.0587, -58.2407, 40.6696$ .

# Distribution



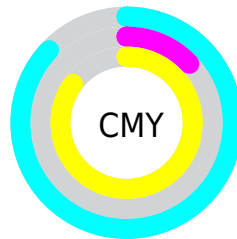
- Red (13%)
- Green (87%)
- Blue (15%)



- Red (13%)
- Yellow (85%)
- Blue (87%)



- Cyan (85%)
- Magenta (0%)
- Yellow (83%)
- Black (13%)




- Cyan (87%)
- Magenta (13%)
- Yellow (85%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5944, -60.4481, 42.2446 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 72.5944, -60.4481, 42.2446 by changing the saturation by 10% instead.





 72.5944, -60.4481,  
42.2446


 72.5944, -60.4481,  
42.2446


199.2836,  
-97.7489, 78.5707


 61.2900, -55.4958,  
37.4672


 97.0388, -69.6825,  
51.2185

 50.6409, -50.2510,  
32.4632


 110.1184,  
-74.0343, 55.4612


 40.6918, -44.6416,  
27.2218


 123.7380,  
-78.2445, 59.5680

 31.4961, -38.5657,  
22.0473


 137.8769,  
-82.3329, 63.5556

 23.1213, -31.8780,  
16.1849

 152.5168,  
-86.3153, 67.4383

 15.6577, -27.0012,  
10.9604

 167.6410,

 9.2319, -16.1558,

-90.2050, 71.2283

6.4623

183.2345,  
-94.0132, 74.9361

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5944, -60.4481,  
42.2446

■ 72.5944, -60.4481,  
42.2446

■ 72.3531, -61.6207,  
43.1259

■ 73.0587, -58.2407,  
40.6696

■ 72.2876, -61.9357,  
43.3481


■ 73.7736, -54.8695,  
38.3256


■ 74.7627, -50.2736,  
35.1785


■ 76.0403, -44.4453,  
31.2279

■ 77.6137, -37.4222,

26.5027

 79.4846, -29.2783,  
21.0547

 81.6496, -20.1136,  
14.9518

 84.1015, -10.0435,  
8.2717

 86.8300, 0.8104,  
1.0953

# Harmonies

## Analogous

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



72.5959, -29.2565, 47.9526



72.5944, -60.4481, 42.2446



72.5959, -74.4503, 21.2944

# Triad

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



72.5959, -60.4491, 42.2449



72.5959, -23.7956, -147.4851



72.5959, 109.1737, 25.4540

# Complementary

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



72.5944, -60.4481, 42.2446



46.5615, 84.6045, -54.2860

# 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.



72.5959, 111.7699, -19.1223



72.5944, -60.4481, 42.2446



72.5959, 25.5517, -143.3440

# Square

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



72.5959, -60.4491, 42.2449



72.5959, -57.3642, -96.0338



72.5959, 78.0767, -86.9041



72.5959, 71.7113, 43.5730



# Rectangle

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



72.5944, -60.4481, 42.2446



72.5959, -75.4159, -7.7324



72.5959, 78.0767, -86.9041



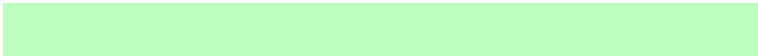
72.5959, 114.4440, 13.9676

# Sweetspot

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



72.5959, -60.4491, 42.2449



92.7485, -35.3317, 25.3523



82.0926, -22.8399, 49.1460



42.5439, -17.9296, 12.7873

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.5959, -60.4491, 42.2449



84.5765, -72.4743, 50.7380



73.6188, -54.0984, 27.2224



39.1688, -6.8385, 5.2944



55.7129, -47.7214, 33.3805



14.6736, -12.5278, 8.7033



# Inverse Universe

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



46.5615, 84.6045, -54.2860



53.0439, 103.8027, -66.2148



42.5231, 69.6909, 0.6717



37.3234, 2.9872, -1.2828



34.9446, 68.3910, -43.6778

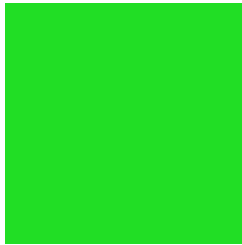


9.2089, 18.0363, -11.6136



# Previews

## White Background



This preview shows how the HunterLab color 72.5944, -60.4481, 42.2446 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 72.5944, -60.4481, 42.2446 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 72.5944, -60.4481, 42.2446 Background



This preview shows how black text looks on a background with the HunterLab color 72.5944, -60.4481, 42.2446.



This preview shows how white text looks on a background with the HunterLab color 72.5944, -60.4481, 42.2446.

-60.4481, 42.2446.

# 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

72.5944, -60.4481, 42.2446

### Protanopia

71.8621, -10.0774, 43.1982

### Deuteranopia

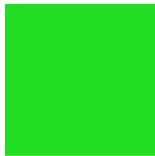
71.7918, 5.0799, 40.9096



## Tritanopia

72.4533, -26.8627, -12.9536

# Trichromacy



## Original Color

72.5944, -60.4481, 42.2446



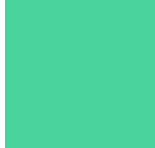
## Protanomaly

69.7394, -36.0936, 41.2391



## Deuteranomaly

68.9242, -28.8302, 39.2718



## Tritanomaly

71.3508, -44.0985, 17.4255

# Monochromacy



## Original Color

72.5944, -60.4481, 42.2446



## Achromatopsia

52.8104, -2.8178, 2.8693



## Achromatomaly

57.8516, -30.2394, 21.4216

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.5944, -60.4481, 42.2446 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(33, 222, 37)` looks like.

```
.text, #text, p{  
    color:rgb(33, 222, 37)  
}
```

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(33, 222, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(33, 222, 37) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.5944, -60.4481, 42.2446 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(33, 222, 37) }
```



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

```
.border{ border-color:rgb(33, 222, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(33, 222, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(33, 222, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(33, 222, 37);  
box-shadow:4px 4px 4px 4px rgb(33, 222,  
37) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.5944, -60.4481, 42.2446 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(33, 222, 37) }
```

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

```
.background{ background-color: rgb(33, 222,  
37) }
```

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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