

Converting Colors

HunterLab(72.4987, -60.7763,
43.6094)

Have a look what the booklet for
HunterLab(72.4987, -60.7763,
43.6094) contains.

HunterLab(72.5506, -60.8188, 43.6406)	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(72.5506,
-60.8188, 43.6406)**

Conversions

Conversions Part 1

Format	Color
Hex	25DE00
RGB	37, 222, 0
RGB Percent	15%, 87%, 0%
CMY	0.8549, 0.1294, 0.9999
CMYK	0.83, 0.00, 1.00, 0.13
HSL	110°, 100%, 44%
HSV	110°, 100%, 87%
XYZ	26.8843, 52.6359, 8.7428
YIQ	141.3770, -38.9980, -108.2620

Conversions

Conversions Part 2

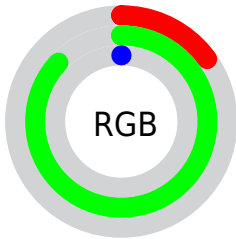
Format	Color
RYB	0, 222, 185
Decimal	2481664
CIELab	77.66, -75.49, 75.20
CIELCh	78, 106.553, 135.112
Yxy	52.6381, 0.3046, 0.5963
Android (android.graphics.Color)	4280671744 (0xFF25DE00)
YUV	141.3770, -69.6989, -91.5386
Hunter-Lab	72.5506, -60.8188, 43.6406

Details

The HunterLab color **72.5506, -60.8188, 43.6406** 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 **39.4881, 80.9763, -78.0165**, and the grayscale version is **52.0437, -2.7769, 2.8276**.

A 20% lighter version of the original color is **87.2748, -60.3967, 46.8824**, and **51.8751, -44.4829, 31.1864** is the 20% darker color. If you saturate the color by 10%, you get **72.5518, -60.8214, 43.6413**, and if you desaturate by 10%, it is **72.8904, -59.3012, 43.2496**.

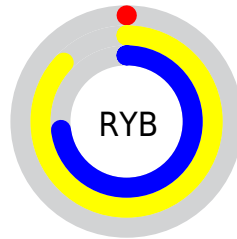
Distribution



Red (15%)

Green (87%)

Blue (0%)



Red (0%)

Yellow (87%)

Blue (73%)

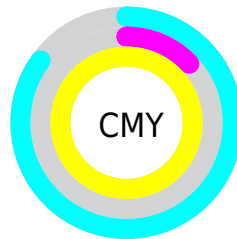


Cyan (83%)

Magenta (0%)

Yellow (100%)

Black (13%)



Cyan (85%)

Magenta (13%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.5506, -60.8188, 43.6406 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 72.5506, -60.8188, 43.6406 by changing the saturation by 10% instead.

■ 72.5506, -60.8188,
43.6406

■ 72.5506, -60.8188,
43.6406

199.2223,
-98.4086, 82.4329

■ 61.2486, -55.8244,
38.5372

■ 96.9905, -70.1294,
53.2379

■ 50.6020, -50.5340,
33.2043

■ 110.0681,
-74.5161, 57.7753

■ 40.6557, -44.8749,
27.7476

■ 123.6856,
-78.7593, 62.1653

■ 31.4629, -38.7443,
22.0241

■ 137.8227,
-82.8791, 66.4252

■ 23.0914, -31.9960,
16.1640

■ 152.4607,
-86.8916, 70.5699

■ 15.6315, -27.1788,
10.9420

■ 167.5831,

■ 9.2092, -16.1162,

-90.8102, 74.6122

6.4465

183.1749,
-94.6461, 78.5633

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5506, -60.8188,
43.6406

■ 72.5506, -60.8188,
43.6406

■ 72.5518, -60.8214,
43.6413

■ 72.8904, -59.3012,
43.2496


■ 73.4070, -56.9484,
42.2771


■ 74.1263, -53.6530,
40.5360


■ 75.0622, -49.3754,
37.9527


■ 76.2237, -44.1110,

34.4916

 77.6158, -37.8845,
30.1482

 79.2396, -30.7438,
24.9432

 81.0934, -22.7547,
18.9175

 83.1730, -13.9948,
12.1261

Harmonies

Analogous

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



72.5521, -27.5765, 48.5465



72.5506, -60.8188, 43.6406



72.5521, -76.0842, 23.9601

Triad

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



72.5521, -60.8198, 43.6408



72.5521, -27.2566, -154.9373



72.5521, 116.2307, 24.2011

Complementary

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



72.5506, -60.8188, 43.6406



39.4881, 80.9763, -78.0165

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.



72.5521, 116.3862, -24.1385



72.5506, -60.8188, 43.6406



72.5521, 23.3233, -154.6855

Square

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



72.5521, -60.8198, 43.6408



72.5521, -60.6413, -97.2318



72.5521, 78.8946, -96.6798



72.5521, 78.5147, 43.7139

Rectangle

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



72.5506, -60.8188, 43.6406



72.5521, -77.6679, -4.8075



72.5521, 78.8946, -96.6798



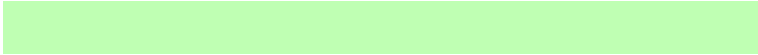
72.5521, 120.9576, 11.7344

Sweetspot

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



72.5521, -60.8198, 43.6408



92.6619, -36.1881, 29.3453



70.8743, -4.4589, 43.5936



42.4822, -18.4380, 14.8246

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5521, -60.8198, 43.6408



84.8659, -71.2515, 51.0466



72.6220, -59.8409, 38.4095



39.3018, -6.3723, 5.5403



55.9435, -46.7510, 33.6537



14.8424, -11.8257, 8.9388

Inverse Universe

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



39.4881, 80.9763, -78.0165



46.1471, 94.6735, -91.4593



42.0349, 77.0696, -12.2740



37.1673, 2.4782, -1.6010



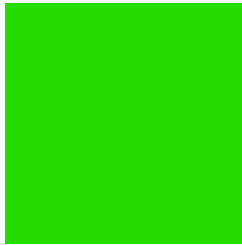
30.5005, 62.5034, -59.9056



8.2214, 16.7204, -15.1603

Previews

White Background



This preview shows how the HunterLab color 72.5506, -60.8188, 43.6406 looks on a white background.

Color Contrast Check

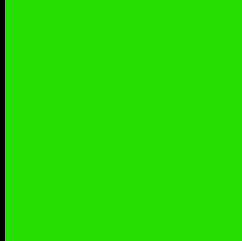
Large Text (above 18pt) WCAG AA × Fail

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 72.5506, -60.8188, 43.6406 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 72.5506, -60.8188, 43.6406 Background



This preview shows how black text looks on a background with the HunterLab color 72.5506, -60.8188, 43.6406.



This preview shows how white text looks on a background with the HunterLab color 72.5506, -60.8188, 43.6406.

-60.8188, 43.6406.

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

72.5506, -60.8188, 43.6406

Protanopia

71.8037, -10.4023, 44.0630

Deuteranopia

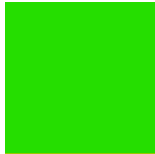
71.5588, 5.6095, 41.8755



Tritanopia

72.1962, -26.1206, -13.3023

Trichromacy



Original Color

72.5506, -60.8188, 43.6406



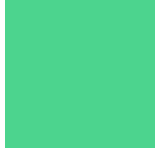
Protanomaly

69.8034, -35.9834, 42.3826



Deuteranomaly

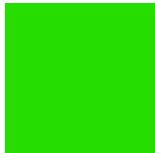
68.7285, -28.1056, 40.7399



Tritanomaly

71.1171, -45.6265, 21.6880

Monochromacy



Original Color

72.5506, -60.8188, 43.6406



Achromatopsia

51.6097, -2.7538, 2.8041



Achromatomaly

56.8957, -31.1309, 24.4339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5506, -60.8188, 43.6406 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(37, 222, 0)` looks like.

```
.text, #text, p{  
    color:rgb(37, 222, 0)  
}
```

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(37, 222, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(37, 222, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5506, -60.8188, 43.6406 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(37, 222, 0) }
```


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

```
.border{ border-color:rgb(37, 222, 0) }
```

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

Here you see how a box with a 4 pixel rgb(37, 222, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(37, 222, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(37, 222, 0);  
box-shadow:4px 4px 4px 4px rgb(37, 222, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 72.5506, -60.8188, 43.6406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(37, 222, 0) }
```

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

```
.background{ background-color: rgb(37, 222,  
0) }
```

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