

Converting Colors

HunterLab(71.6582, -60.8362,
42.8027)

Have a look what the booklet for
HunterLab(71.6582, -60.8362,
42.8027) contains.

HunterLab(71.6530, -60.8490, 42.7992)	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(71.6530,
-60.8490, 42.7992)**

Conversions

Conversions Part 1

Format	Color
Hex	12DC0C
RGB	18, 220, 12
RGB Percent	7%, 86%, 5%
CMY	0.9294, 0.1372, 0.9528
CMYK	0.92, 0.00, 0.95, 0.14
HSL	118°, 90%, 45%
HSV	118°, 95%, 86%
XYZ	25.9090, 51.3415, 8.8922
YIQ	135.8900, -53.6240, -107.5120

Conversions

Conversions Part 2

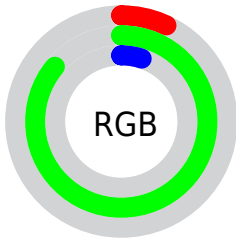
Format	Color
RYB	12, 220, 214
Decimal	1235980
CIELab	76.89, -76.17, 73.37
CIELCh	77, 105.764, 136.072
Yxy	51.3437, 0.3008, 0.5960
Android (android.graphics.Color)	4279426060 (0xFF12DC0C)
YUV	135.8900, -61.0778, -103.3895
Hunter-Lab	71.6530, -60.8490, 42.7992

Details

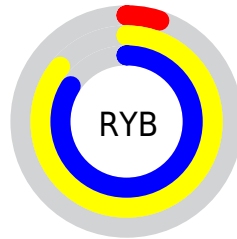
The HunterLab color **71.6530, -60.8490, 42.7992** is a dark color, and the websafe version is hex **00CC00**. The color can be described as dark washed green. A complement of this color would be **44.4202, 86.1792, -61.4997**, and the grayscale version is **49.8270, -2.6586, 2.7072**.

A 20% lighter version of the original color is **87.0260, -61.3667, 46.2607**, and **51.1805, -43.8872, 30.7688** is the 20% darker color. If you saturate the color by 10%, you get **71.5746, -61.2288, 43.0320**, and if you desaturate by 10%, it is **71.9324, -59.5413, 42.0331**.

Distribution



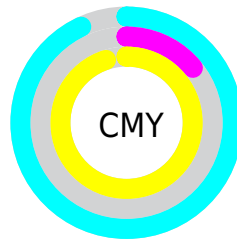
- Red (7%)
- Green (86%)
- Blue (5%)



- Red (5%)
- Yellow (86%)
- Blue (84%)



- Cyan (92%)
- Magenta (0%)
- Yellow (95%)
- Black (14%)



- Cyan (93%)
- Magenta (14%)
- Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.6530, -60.8490, 42.7992 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 71.6530, -60.8490, 42.7992 by changing the saturation by 10% instead.

71.6530, -60.8490,
42.7992

71.6530, -60.8490,
42.7992

197.9640,
-98.8309, 80.8408

60.4005, -55.7899,
37.7887

96.0013, -70.2706,
52.2141

49.8064, -50.4264,
32.5477

109.0361,
-74.7058, 56.6633

39.9164, -44.6835,
27.1662

122.6127,
-78.9941, 60.9674

30.7846, -38.4547,
21.5492

136.7102,
-83.1559, 65.1439

22.4800, -31.5890,
15.7360

151.3100,
-87.2078, 69.2074

15.0954, -26.4169,
10.5668

166.3955,

8.7316, -15.2802,

-91.1636, 73.1710

6.1121

181.9514,
-95.0348, 77.0456

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.6530, -60.8490,
42.7992

■ 71.6530, -60.8490,
42.7992

■ 71.5746, -61.2288,
43.0320

■ 71.9324, -59.5413,
42.0331


■ 72.4279, -57.2077,
40.5629


■ 73.1692, -53.7399,
38.3014


■ 74.1759, -49.0872,
35.2053


■ 75.4601, -43.2478,

31.2676

 77.0280, -36.2620,
26.5118

 78.8804, -28.2025,
20.9857

 81.0138, -19.1654,
14.7544

 83.4211, -9.2605,
7.8935

Harmonies

Analogous

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



71.6545, -28.5963, 47.9013



71.6530, -60.8490, 42.7992



71.6545, -75.4100, 22.6389

Triad

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



71.6545, -60.8500, 42.7994



71.6545, -25.5731, -154.2533



71.6545, 114.2365, 24.9166

Complementary

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



71.6530, -60.8490, 42.7992



44.4202, 86.1792, -61.4997

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.



71.6545, 115.7067, -21.8512



71.6530, -60.8490, 42.7992



71.6545, 24.8433, -151.8719

Square

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



71.6545, -60.8500, 42.7994



71.6545, -59.1636, -98.4777



71.6545, 79.5981, -93.2584



71.6545, 76.0069, 43.4888

Rectangle

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



71.6530, -60.8490, 42.7992



71.6545, -76.6666, -6.4875



71.6545, 79.5981, -93.2584



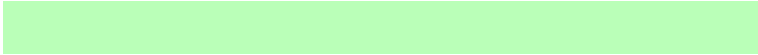
71.6545, 119.3426, 12.9336

Sweetspot

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



71.6545, -60.8500, 42.7994



92.3902, -36.9998, 27.3225



79.2889, -18.5492, 48.2720



42.3090, -19.0148, 13.9406

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.6545, -60.8500, 42.7994



84.5974, -72.3987, 50.8611



72.3690, -56.3228, 31.7353



38.2413, -6.6109, 5.2688



54.8388, -46.8736, 32.9708



13.9810, -11.8323, 8.4079

Inverse Universe

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



44.4202, 86.1792, -61.4997



52.0740, 103.0427, -73.8261



41.1200, 72.2465, -0.3912



36.4071, 2.8465, -1.3777



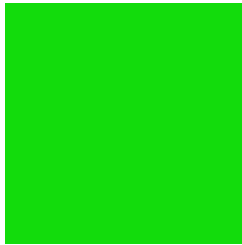
33.7690, 66.8108, -47.7927



8.6308, 17.0568, -12.0685

Previews

White Background



This preview shows how the HunterLab color 71.6530, -60.8490, 42.7992 looks on a white background.

Color Contrast Check

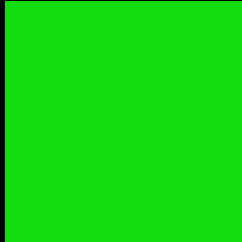
Large Text (above 18pt) WCAG AA × Fail

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 71.6530, -60.8490, 42.7992 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 71.6530, -60.8490, 42.7992 Background



This preview shows how black text looks on a background with the HunterLab color 71.6530, -60.8490, 42.7992.



This preview shows how white text looks on a background with the HunterLab color 71.6530,

-60.8490, 42.7992.

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

71.6530, -60.8490, 42.7992

Protanopia

70.6849, -9.7204, 43.3855

Deuteranopia

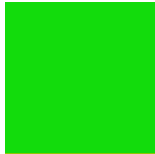
70.6367, 5.4325, 41.1821



Tritanopia

71.5613, -26.9627, -13.0525

Trichromacy



Original Color

71.6530, -60.8490, 42.7992



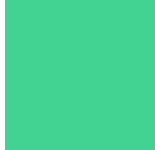
Protanomaly

68.5420, -37.4963, 41.4795



Deuteranomaly

67.4058, -29.7955, 39.5454



Tritanomaly

70.2109, -45.5714, 19.8445

Monochromacy



Original Color

71.6530, -60.8490, 42.7992



Achromatopsia

49.6187, -2.6475, 2.6959



Achromatomaly

55.4256, -31.8715, 23.0074

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.6530, -60.8490, 42.7992 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(18, 220, 12)` looks like.

```
.text, #text, p{  
    color:rgb(18, 220, 12)  
}
```

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(18, 220, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 220, 12) }
```

Border

The CSS property to change the border of an element to HunterLab 71.6530, -60.8490, 42.7992 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(18, 220, 12) }
```


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

```
.border{ border-color:rgb(18, 220, 12) }
```

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

Here you see how a box with a 4 pixel rgb(18, 220, 12) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(18, 220, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(18, 220, 12);  
box-shadow:4px 4px 4px 4px rgb(18, 220,  
12) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.6530, -60.8490, 42.7992 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 220, 12) }
```

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

```
.background{ background-color: rgb(18, 220,  
12) }
```

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