

Converting Colors

HunterLab(70.0420, -52.9285,
42.2330)

Have a look what the booklet for
HunterLab(70.0420, -52.9285,
42.2330) contains.

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Color

**HunterLab(70.0130,
-52.9468, 42.2148)**

Conversions

Conversions Part 1

Format	Color
Hex	55D400
RGB	85, 212, 0
RGB Percent	33%, 83%, 0%
CMY	0.6667, 0.1686, 0.9999
CMYK	0.60, 0.00, 1.00, 0.17
HSL	96°, 100%, 42%
HSV	96°, 100%, 83%
XYZ	27.2898, 49.0182, 8.0231
YIQ	149.8590, -7.6400, -92.8560

Conversions

Conversions Part 2

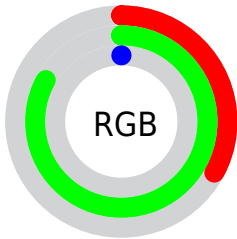
Format	Color
RYB	0, 212, 127
Decimal	5624832
CIELab	75.46, -64.38, 73.85
CIELCh	75, 97.969, 131.083
Yxy	49.0203, 0.3236, 0.5813
Android (android.graphics.Color)	4283814912 (0xFF55D400)
YUV	149.8590, -73.8805, -56.8813
Hunter-Lab	70.0130, -52.9468, 42.2148

Details

The HunterLab color **70.0130, -52.9468, 42.2148** is a dark color, and the websafe version is hex **33CC00**. The color can be described as dark washed green. A complement of this color would be **30.4441, 67.7459, -101.3645**, and the grayscale version is **55.4621, -2.9593, 3.0134**.

A 20% lighter version of the original color is **88.6282, -54.8920, 48.0403**, and **48.7616, -41.8131, 29.3147** is the 20% darker color. If you saturate the color by 10%, you get **70.0140, -52.9503, 42.2153**, and if you desaturate by 10%, it is **70.5153, -50.7850, 41.9563**.

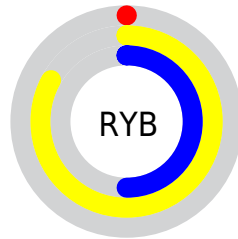
Distribution



Red (33%)

Green (83%)

Blue (0%)



Red (0%)

Yellow (83%)

Blue (50%)

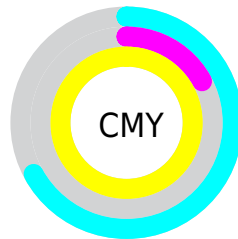


Cyan (60%)

Magenta (0%)

Yellow (100%)

Black (17%)



Cyan (67%)

Magenta (17%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.0130, -52.9468, 42.2148 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 70.0130, -52.9468, 42.2148 by changing the saturation by 10% instead.

70.0130, -52.9468,
42.2148

70.0130, -52.9468,
42.2148

195.6584,
-85.8580, 80.6391

58.8520, -48.6102,
37.1440

94.1921, -61.0495,
51.7385

48.3552, -44.0204,
31.8407

107.1480,
-64.8769, 56.2359

38.5695, -39.1116,
26.5106

120.6488,
-68.5860, 60.5847

29.5507, -33.7872,
20.6855

134.6733,
-72.1940, 64.8025

21.3707, -27.9042,
14.9595

149.2028,
-75.7148, 68.9045

14.1264, -24.0199,
9.8885

164.2201,

7.7775, -13.6106,

-79.1596, 72.9040

5.4442

179.7100,
-82.5381, 76.8123

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.0130, -52.9468,
42.2148

■ 70.0130, -52.9468,
42.2148

■ 70.0140, -52.9503,
42.2153

■ 70.5153, -50.7850,
41.9563

■ 71.1338, -48.0722,
41.1315

■ 71.8843, -44.7407,
39.5568

■ 72.7737, -40.7716,
37.1566

■ 73.8062, -36.1639,

33.8864

■ 74.9841, -30.9303,
29.7258

■ 76.3081, -25.0943,
24.6747

■ 77.7775, -18.6881,
18.7491

■ 79.3905, -11.7495,
11.9778

Harmonies

Analogous

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



70.0145, -19.9627, 46.3221



70.0130, -52.9468, 42.2148



70.0145, -69.3620, 25.9901

Triad

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



70.0145, -52.9480, 42.2151



70.0145, -30.1979, -131.8882



70.0145, 106.0798, 18.1480

Complementary

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



70.0130, -52.9468, 42.2148



30.4441, 67.7459, -101.3645

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.



70.0145, 101.2693, -29.3689



70.0130, -52.9468, 42.2148



70.0145, 14.1100, -139.5011

Square

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



70.0145, -52.9480, 42.2151



70.0145, -58.7665, -77.2242



70.0145, 64.4757, -94.0604



70.0145, 76.2929, 39.6448

Rectangle

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



70.0130, -52.9468, 42.2148



70.0145, -72.1027, 2.1998



70.0145, 64.4757, -94.0604



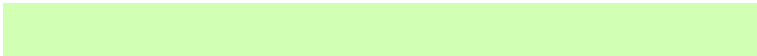
70.0145, 108.6201, 5.3850

Sweetspot

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



70.0145, -52.9480, 42.2151



93.9862, -31.1742, 30.6312



53.2285, 21.9418, 33.1825



43.1517, -15.8767, 15.4532

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.0145, -52.9480, 42.2151



86.2309, -65.4855, 51.9886



68.6526, -58.6472, 40.7939



37.5985, -5.3665, 5.4744



55.0597, -41.3951, 33.2029



13.6967, -9.4430, 8.2745

Inverse Universe

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



30.4441, 67.7459, -101.3645



37.3776, 83.3261, -125.5803



42.3184, 81.7082, -44.2810



35.1751, 1.6175, -1.7896



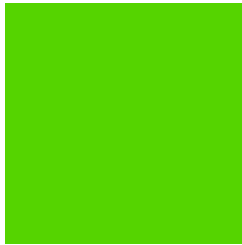
24.0428, 53.3792, -79.0768



6.2948, 13.5918, -17.7284

Previews

White Background



This preview shows how the HunterLab color 70.0130, -52.9468, 42.2148 looks on a white background.

Color Contrast Check

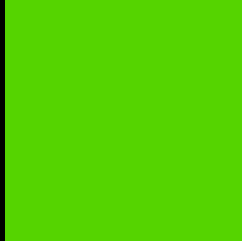
Large Text (above 18pt) WCAG AA × Fail

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 70.0130, -52.9468, 42.2148 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

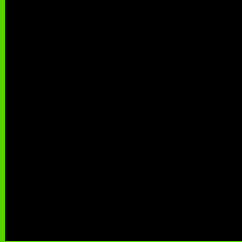
Any Text WCAG AA ✓ Pass

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 70.0130, -52.9468, 42.2148 Background



This preview shows how black text looks on a background with the HunterLab color 70.0130, -52.9468, 42.2148.



This preview shows how white text looks on a background with the HunterLab color 70.0130,

-52.9468, 42.2148.

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

70.0130, -52.9468, 42.2148

Protanopia

69.3598, -9.7875, 42.5678

Deuteranopia

69.2803, 5.1706, 40.7415



Tritanopia

69.7557, -20.7791, -10.8867

Trichromacy



Original Color

70.0130, -52.9468, 42.2148



Protanomaly

68.4228, -29.4255, 41.6466



Deuteranomaly

67.5529, -21.0226, 40.2935



Tritanomaly

68.6618, -37.9352, 21.5317

Monochromacy



Original Color

70.0130, -52.9468, 42.2148



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

59.2866, -26.6350, 25.2387

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.0130, -52.9468, 42.2148 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(85, 212, 0)` looks like.

```
.text, #text, p{  
    color:rgb(85, 212, 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(85, 212, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 212, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.0130, -52.9468, 42.2148 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(85, 212, 0) }
```


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

```
.border{ border-color:rgb(85, 212, 0) }
```

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

Here you see how a box with a 4 pixel rgb(85, 212, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 212, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 212, 0);  
box-shadow:4px 4px 4px 4px rgb(85, 212, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 70.0130, -52.9468, 42.2148 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 212, 0) }
```

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

```
.background{ background-color: rgb(85, 212,  
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](#).

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