

Converting Colors

HunterLab(70.3910, -55.4148,
42.4045)

Have a look what the booklet for
HunterLab(70.3910, -55.4148,
42.4045) contains.

HunterLab(70.3084, -55.3928, 42.3540)	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(70.3084,
-55.3928, 42.3540)**

Conversions

Conversions Part 1

Format	Color
Hex	47D600
RGB	71, 214, 0
RGB Percent	28%, 84%, 0%
CMY	0.7216, 0.1608, 0.9999
CMYK	0.67, 0.00, 1.00, 0.16
HSL	100°, 100%, 42%
HSV	100°, 100%, 84%
XYZ	26.6451, 49.4327, 8.1371
YIQ	146.8470, -16.5340, -96.8700

Conversions

Conversions Part 2

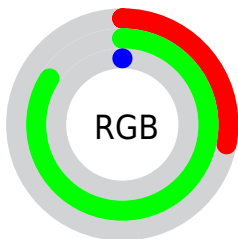
Format	Color
RYB	0, 214, 143
Decimal	4707840
CIELab	75.72, -68.11, 73.89
CIELCh	76, 100.493, 132.667
Yxy	49.4348, 0.3164, 0.5870
Android (android.graphics.Color)	4282897920 (0xFF47D600)
YUV	146.8470, -72.3956, -66.5178
Hunter-Lab	70.3084, -55.3928, 42.3540

Details

The HunterLab color **70.3084, -55.3928, 42.3540** 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 **32.7079, 70.8528, -93.9318**, and the grayscale version is **54.2433, -2.8943, 2.9471**.

A 20% lighter version of the original color is **88.0701, -57.1578, 47.6211**, and **49.4507, -42.4040, 29.7289** is the 20% darker color. If you saturate the color by 10%, you get **70.3094, -55.3960, 42.3545**, and if you desaturate by 10%, it is **70.7788, -53.3476, 42.0678**.

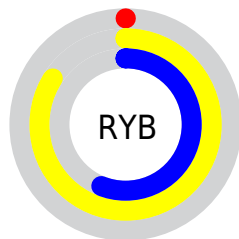
Distribution



Red (28%)

Green (84%)

Blue (0%)



Red (0%)

Yellow (84%)

Blue (56%)

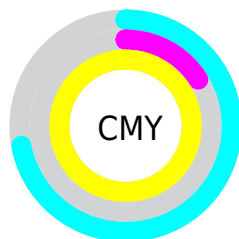


Cyan (67%)

Magenta (0%)

Yellow (100%)

Black (16%)



Cyan (72%)

Magenta (16%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.3084, -55.3928, 42.3540 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 70.3084, -55.3928, 42.3540 by changing the saturation by 10% instead.

■ 70.3084, -55.3928,
42.3540

■ 70.3084, -55.3928,
42.3540

196.0744,
-89.9211, 80.7705

■ 59.1308, -50.8234,
37.2861

■ 94.5182, -63.9184,
51.8734

■ 48.6164, -45.9834,
31.9859

■ 107.4884,
-67.9399, 56.3695

■ 38.8117, -40.8030,
26.6410

■ 121.0029,
-71.8338, 60.7172

■ 29.7724, -35.1816,
20.8407

■ 135.0406,
-75.6181, 64.9343

■ 21.5698, -28.9716,
15.0988

■ 149.5828,
-79.3079, 69.0360

■ 14.2999, -25.0249,
10.0099

■ 164.6125,

■ 7.9583, -13.9271,

-82.9152, 73.0352

5.5708

180.1143,
-86.4500, 76.9435

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.3084, -55.3928,
42.3540

■ 70.3084, -55.3928,
42.3540

■ 70.3094, -55.3960,
42.3545

■ 70.7788, -53.3476,
42.0678

■ 71.3828, -50.6715,
41.2143

■ 72.1381, -47.2912,
39.6088

■ 73.0523, -43.1864,
37.1768

■ 74.1305, -38.3578,

33.8762

■ 75.3752, -32.8229,
29.6910

■ 76.7870, -26.6122,
24.6267

■ 78.3647, -19.7667,
18.7056

■ 80.1059, -12.3340,
11.9637

Harmonies

Analogous

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



70.3099, -22.6107, 46.7263



70.3084, -55.3928, 42.3540



70.3099, -71.2228, 25.0345

Triad

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



70.3099, -55.3939, 42.3543



70.3099, -28.8555, -139.0133



70.3099, 108.8239, 20.2805

Complementary

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



70.3084, -55.3928, 42.3540



32.7079, 70.8528, -93.9318

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.



70.3099, 105.8511, -27.1418



70.3084, -55.3928, 42.3540



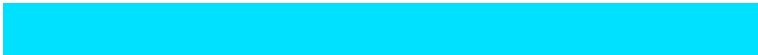
70.3099, 17.3237, -143.7596

Square

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



70.3099, -55.3939, 42.3543



70.3099, -58.9190, -83.7009



70.3099, 69.1240, -94.1613



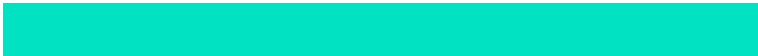
70.3099, 76.4113, 40.8410

Rectangle

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



70.3084, -55.3928, 42.3540



70.3099, -73.5015, -0.3191



70.3099, 69.1240, -94.1613



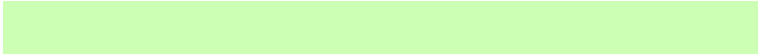
70.3099, 112.1343, 7.7353

Sweetspot

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



70.3099, -55.3939, 42.3543



93.5810, -32.6999, 30.2391



58.1765, 13.2719, 36.0797



42.9454, -16.6609, 15.2602

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.3099, -55.3939, 42.3543



85.6923, -67.7476, 51.6172



69.4412, -58.9002, 40.3544



37.5420, -5.5680, 5.4097



54.7077, -42.8710, 32.9601



13.6005, -9.8404, 8.2083

Inverse Universe

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



32.7079, 70.8528, -93.9318



39.7654, 86.2554, -115.0464



41.8633, 79.3996, -32.7213



35.2375, 1.8281, -1.7059



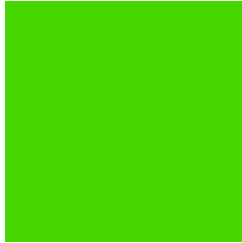
25.5423, 55.2307, -72.5532



6.6166, 14.0061, -16.4606

Previews

White Background



This preview shows how the HunterLab color 70.3084, -55.3928, 42.3540 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 70.3084, -55.3928, 42.3540 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

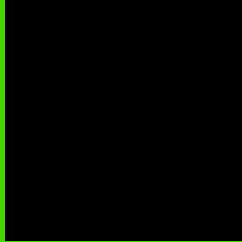
Any Text WCAG AA ✓ Pass

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 70.3084, -55.3928, 42.3540 Background



This preview shows how black text looks on a background with the HunterLab color 70.3084, -55.3928, 42.3540.



This preview shows how white text looks on a background with the HunterLab color 70.3084, -55.3928, 42.3540.

-55.3928, 42.3540.

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

70.3084, -55.3928, 42.3540

Protanopia

69.7661, -9.8897, 42.8164

Deuteranopia

69.6877, 5.1017, 40.9183



Tritanopia

70.0947, -22.7269, -11.5859

Trichromacy



Original Color

70.3084, -55.3928, 42.3540



Protanomaly

68.4476, -31.0179, 41.6341



Deuteranomaly

67.7601, -23.5064, 40.3248



Tritanomaly

68.9048, -40.4528, 21.3861

Monochromacy



Original Color

70.3084, -55.3928, 42.3540



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.1858, -27.6130, 24.5798

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.3084, -55.3928, 42.3540 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(71, 214, 0)` looks like.

```
.text, #text, p{  
    color:rgb(71, 214, 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(71, 214, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(71, 214, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 70.3084, -55.3928, 42.3540 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(71, 214, 0) }
```


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

```
.border{ border-color:rgb(71, 214, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(71, 214, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(71, 214, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(71, 214, 0);  
box-shadow:4px 4px 4px 4px rgb(71, 214, 0)  
}
```

Background

The CSS property to change the background color of an element to HunterLab 70.3084, -55.3928, 42.3540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(71, 214, 0) }
```

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

```
.background{ background-color: rgb(71, 214,  
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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