

Converting Colors

HunterLab(71.4206, -49.3719,
32.4341)

Have a look what the booklet for
HunterLab(71.4206, -49.3719,
32.4341) contains.

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Color

**HunterLab(71.4169,
-49.3947, 32.4890)**

Conversions

Conversions Part 1

Format	Color
Hex	55D667
RGB	85, 214, 103
RGB Percent	33%, 84%, 40%
CMY	0.6667, 0.1608, 0.5961
CMYK	0.60, 0.00, 0.52, 0.16
HSL	128°, 61%, 59%
HSV	128°, 60%, 84%
XYZ	30.2411, 51.0037, 21.0828
YIQ	162.7750, -41.2530, -61.8690

Conversions

Conversions Part 2

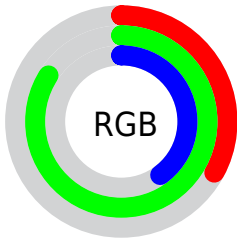
Format	Color
RYB	85, 198, 214
Decimal	5625447
CIELab	76.68, -58.15, 44.09
CIELCh	77, 72.973, 142.829
Yxy	51.0059, 0.2955, 0.4984
Android (android.graphics.Color)	4283815527 (0xFF55D667)
YUV	162.7750, -29.4691, -68.2087
Hunter-Lab	71.4169, -49.3947, 32.4890

Details

The HunterLab color **71.4169, -49.3947, 32.4890** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **49.7791, 59.7103, -30.4855**, and the grayscale version is **60.5570, -3.2312, 3.2902**.

A 20% lighter version of the original color is **89.4602, -49.5777, 33.4118**, and **49.7008, -40.8375, 26.0348** is the 20% darker color. If you saturate the color by 10%, you get **70.5841, -53.3213, 35.4127**, and if you desaturate by 10%, it is **72.5084, -44.3803, 29.0010**.

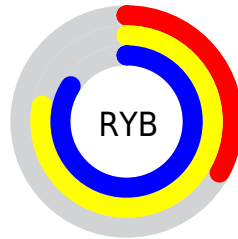
Distribution



Red (33%)

Green (84%)

Blue (40%)



Red (33%)

Yellow (78%)

Blue (84%)

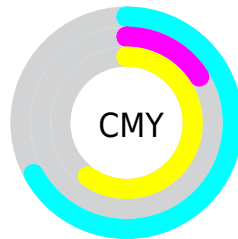


Cyan (60%)

Magenta (0%)

Yellow (52%)

Black (16%)



Cyan (67%)


Magenta (16%)


Yellow (60%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.4169, -49.3947, 32.4890 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 71.4169, -49.3947, 32.4890 by changing the saturation by 10% instead.


 71.4169, -49.3947,
32.4890

 71.4169, -49.3947,
32.4890


197.6326,
-79.4861, 57.1866


 60.1775, -45.4770,
29.3223


 95.7410, -56.7466,
38.4641


 49.5973, -41.3443,
25.9994


 108.7645,
-60.2331, 41.3115

 39.7222, -36.9403,
22.4843


 122.3302,
-63.6199, 44.0854

 30.6065, -32.1819,
18.7321

 136.4173,
-66.9217, 46.7973

 22.3197, -26.9444,
15.2683

151.0070,
-70.1502, 49.4563

 14.9550, -22.1618,
10.4685

166.0827,

 8.6012, -15.0520,

-73.3153, 52.0701

6.0208

181.6292,
-76.4250, 54.6451

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.4169, -49.3947,
32.4890

■ 71.4169, -49.3947,
32.4890

■ 70.5841, -53.3213,
35.4127

■ 72.5084, -44.3803,
29.0010

■ 69.9907, -56.1771,
37.7553

■ 73.8631, -38.2955,
24.9802

■ 69.6160, -58.0309,
39.5216

■ 75.4857, -31.1947,
20.4733

■ 69.4177, -59.0472,
40.6999

■ 77.3753, -23.1563,
15.5363

■ 79.5271, -14.2753,

10.2301

■ 81.9333, -4.6549,
4.6167

■ 84.5841, 5.6001,
-1.2444

■ 87.3368, 15.9642,
-7.4788

■ 87.5072, 16.8570,
-9.8843

Harmonies

Analogous

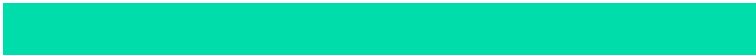
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4184, -27.7930, 41.0384



71.4169, -49.3947, 32.4890



71.4184, -58.4754, 11.3317

Triad

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



71.4184, -49.3957, 32.4894



71.4184, -11.9160, -91.4643



71.4184, 68.2641, 24.3079

Complementary

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



71.4169, -49.3947, 32.4890



49.7791, 59.7103, -30.4855

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.



71.4184, 74.7255, -4.4557



71.4169, -49.3947, 32.4890



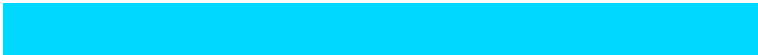
71.4184, 23.8153, -82.2678

Square

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



71.4184, -49.3957, 32.4894



71.4184, -39.6679, -66.9785



71.4184, 57.1685, -45.7740



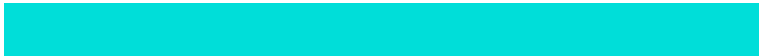
71.4184, 40.8941, 38.1251

Rectangle

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



71.4169, -49.3947, 32.4890



71.4184, -57.7096, -11.6070



71.4184, 57.1685, -45.7740



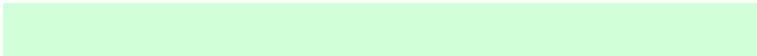
71.4184, 73.1419, 16.5380

Sweetspot

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



71.4184, -49.3957, 32.4894



94.8800, -26.0441, 17.6213



77.8427, -24.6388, 40.9887



43.5579, -13.4634, 9.0071

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.4184, -49.3957, 32.4894



85.8710, -65.9900, 43.9461



72.6674, -41.8288, 14.3334



37.3148, -6.3077, 4.5678



53.9764, -45.8529, 31.5175



13.2912, -11.0412, 7.2218

Inverse Universe

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



49.7791, 59.7103, -30.4855



56.1212, 85.3562, -42.5324



47.4007, 49.4795, 2.6331



35.4986, 2.6178, -0.6752



32.7841, 62.5700, -28.6313



8.1034, 15.5491, -7.7225

Previews

White Background



This preview shows how the HunterLab color 71.4169, -49.3947, 32.4890 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 71.4169, -49.3947, 32.4890 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 71.4169, -49.3947, 32.4890 Background



This preview shows how black text looks on a background with the HunterLab color 71.4169, -49.3947, 32.4890.



This preview shows how white text looks on a background with the HunterLab color 71.4169, -49.3947, 32.4890.

-49.3947, 32.4890.

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

71.4169, -49.3947, 32.4890

Protanopia

70.7389, -8.3854, 34.5665

Deuteranopia

70.6428, 5.3419, 30.7576



Tritanopia

71.3778, -22.7652, -11.5127

Trichromacy



Original Color

71.4169, -49.3947, 32.4890



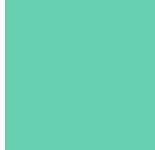
Protanomaly

69.7009, -26.6372, 32.8630



Deuteranomaly

69.3062, -19.5153, 29.9874



Tritanomaly

70.8663, -34.3036, 8.7022

Monochromacy



Original Color

71.4169, -49.3947, 32.4890



Achromatopsia

60.5188, -3.2291, 3.2881



Achromatomaly

63.6631, -23.0133, 15.3577

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.4169, -49.3947, 32.4890 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, 214, 103)` looks like.

```
.text, #text, p{  
    color:rgb(85, 214, 103)  
}
```

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, 214, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 214, 103) }
```

Border

The CSS property to change the border of an element to HunterLab 71.4169, -49.3947, 32.4890 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, 214, 103) }
```


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

```
.border{ border-color:rgb(85, 214, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 214, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 214, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 214, 103);  
box-shadow:4px 4px 4px 4px rgb(85, 214,  
103) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.4169, -49.3947, 32.4890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 214, 103) }
```

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

```
.background{ background-color: rgb(85, 214,  
103) }
```

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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