

Converting Colors

HunterLab(70.2310, -50.4142,
29.7288)

Have a look what the booklet for
HunterLab(70.2310, -50.4142,
29.7288) contains.

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Color

**HunterLab(70.2315,
-50.4009, 29.6980)**

Conversions

Conversions Part 1

Format	Color
Hex	40D46F
RGB	64, 212, 111
RGB Percent	25%, 83%, 44%
CMY	0.7490, 0.1686, 0.5647
CMYK	0.70, 0.00, 0.48, 0.17
HSL	139°, 63%, 54%
HSV	139°, 70%, 83%
XYZ	28.5271, 49.3246, 23.0560
YIQ	156.2340, -55.7870, -62.7870

Conversions

Conversions Part 2

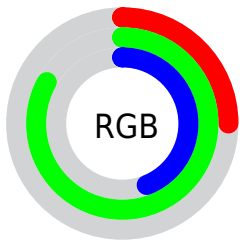
Format	Color
RYB	64, 176, 212
Decimal	4248687
CIELab	75.65, -60.29, 38.81
CIELCh	76, 71.703, 147.226
Yxy	49.3267, 0.2827, 0.4888
Android (android.graphics.Color)	4282438767 (0xFF40D46F)
YUV	156.2340, -22.3004, -80.8892
Hunter-Lab	70.2315, -50.4009, 29.6980

Details

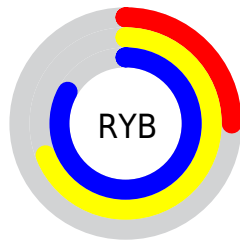
The HunterLab color **70.2315, -50.4009, 29.6980** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **45.1457, 62.4555, -17.8400**, and the grayscale version is **57.8593, -3.0872, 3.1436**.

A 20% lighter version of the original color is **88.8074, -51.8711, 30.3663**, and **49.0950, -39.7266, 24.3939** is the 20% darker color. If you saturate the color by 10%, you get **69.6079, -53.4262, 32.4204**, and if you desaturate by 10%, it is **71.0791, -46.4357, 26.6699**.

Distribution



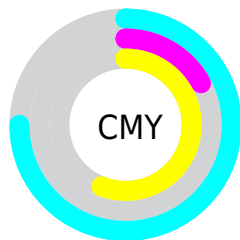
- Red (25%)
- Green (83%)
- Blue (44%)



- Red (25%)
- Yellow (69%)
- Blue (83%)



- Cyan (70%)
- Magenta (0%)
- Yellow (48%)
- Black (17%)





- Cyan (75%)
- Magenta (17%)
- Yellow (56%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.2315, -50.4009, 29.6980 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 70.2315, -50.4009, 29.6980 by changing the saturation by 10% instead.


 70.2315, -50.4009,
29.6980

 70.2315, -50.4009,
29.6980


195.9660,
-81.5045, 52.1137


 59.0582, -46.3281,
26.8541


 94.4333, -58.0267,
35.0803

 48.5484, -42.0245,
23.8741


 107.3997,
-61.6363, 37.6538

 38.7486, -37.4290,
20.7233


 120.9107,
-65.1390, 40.1667

 29.7146, -32.4518,
17.3556

 134.9450,
-68.5503, 42.6291

 21.5179, -26.9585,
14.0191

 149.4838,
-71.8829, 45.0489

 14.2547, -22.7491,
9.9783

164.5103,

 7.9117, -13.8454,

-75.1473, 47.4327

5.5382

180.0090,
-78.3521, 49.7861

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2315, -50.4009,
29.6980

■ 70.2315, -50.4009,
29.6980

■ 69.6079, -53.4262,
32.4204

■ 71.0791, -46.4357,
26.6699

■ 69.1846, -55.5601,
34.8061

■ 72.1591, -41.5163,
23.3708

■ 68.9231, -56.9554,
36.8235


■ 73.4806, -35.6650,
19.8429


■ 68.9188, -56.9784,
36.8574


■ 75.0465, -28.9297,
16.1307


■ 76.8560, -21.3779,

12.2796

 78.9051, -13.0905,
8.3335

 81.1872, -4.1551,
4.3327

 83.6938, 5.3394,
0.3130

 86.4150, 15.3073,
-3.6952

Harmonies

Analogous

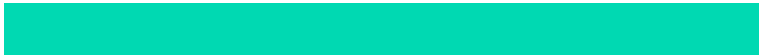
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.2329, -31.0375, 39.5388



70.2315, -50.4009, 29.6980



70.2329, -57.5172, 6.7447

Triad

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



70.2329, -50.4018, 29.6985



70.2329, -6.8636, -89.9832



70.2329, 63.7525, 26.6034

Complementary

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



70.2315, -50.4009, 29.6980



45.1457, 62.4555, -17.8400

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.



70.2329, 73.5109, 0.7700



70.2315, -50.4009, 29.6980



70.2329, 28.4646, -76.1788

Square

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



70.2329, -50.4018, 29.6985



70.2329, -35.5348, -70.3870



70.2329, 59.5493, -38.4651



70.2329, 34.9337, 38.4363

Rectangle

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



70.2315, -50.4009, 29.6980



70.2329, -55.5989, -17.0206



70.2329, 59.5493, -38.4651



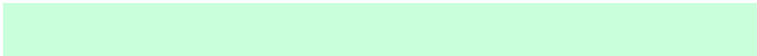
70.2329, 69.5823, 19.7545

Sweetspot

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



70.2329, -50.4018, 29.6985



94.3853, -27.7169, 15.8115



74.4802, -34.4392, 41.4300



43.3706, -14.0520, 7.9320

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2329, -50.4018, 29.6985



85.4913, -67.3092, 41.5017



71.8862, -40.3771, 5.7920



37.3635, -6.0353, 3.8696



54.1645, -44.6747, 28.7388



13.3581, -10.6241, 6.2378

Inverse Universe

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



45.1457, 62.4555, -17.8400



51.3994, 87.1406, -21.0184



42.9212, 53.3118, 13.6666



35.4436, 2.3230, 0.1066



31.4895, 57.9750, -11.0335



7.8282, 14.5765, -4.0142

Previews

White Background



This preview shows how the HunterLab color 70.2315, -50.4009, 29.6980 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 70.2315, -50.4009, 29.6980 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 70.2315, -50.4009, 29.6980 Background



This preview shows how black text looks on a background with the HunterLab color 70.2315, -50.4009, 29.6980.



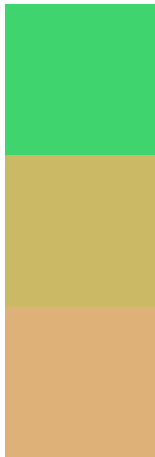
This preview shows how white text looks on a background with the HunterLab color 70.2315,

-50.4009, 29.6980.

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

70.2315, -50.4009, 29.6980

Protanopia

69.5227, -7.8560, 32.2022

Deuteranopia

69.5197, 4.7609, 27.7665



Tritanopia

69.9827, -24.7691, -12.3502

Trichromacy



Original Color

70.2315, -50.4009, 29.6980



Protanomaly

68.3561, -28.1907, 30.0351



Deuteranomaly

67.9048, -21.2005, 26.7769



Tritanomaly

69.5890, -35.6994, 6.3696

Monochromacy



Original Color

70.2315, -50.4009, 29.6980



Achromatopsia

57.6586, -3.0765, 3.1327



Achromatomaly

60.9550, -23.4248, 13.0168

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2315, -50.4009, 29.6980 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(64, 212, 111)` looks like.

```
.text, #text, p{  
    color:rgb(64, 212, 111)  
}
```

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(64, 212, 111) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 212, 111) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2315, -50.4009, 29.6980 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(64, 212, 111) }
```


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

```
.border{ border-color:rgb(64, 212, 111) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 212, 111)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 212, 111); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 212, 111);  
box-shadow:4px 4px 4px 4px rgb(64, 212,  
111) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2315, -50.4009, 29.6980 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 212, 111) }
```

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

```
.background{ background-color: rgb(64, 212,  
111) }
```

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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