

Converting Colors

HunterLab(71.1807, -48.7260,
24.8031)

Have a look what the booklet for
HunterLab(71.1807, -48.7260,
24.8031) contains.

HunterLab(71.3085, -48.8782, 24.9337)	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(71.3085,
-48.8782, 24.9337)**

Conversions

Conversions Part 1

Format	Color
Hex	40D684
RGB	64, 214, 132
RGB Percent	25%, 84%, 52%
CMY	0.7490, 0.1608, 0.4823
CMYK	0.70, 0.00, 0.38, 0.16
HSL	147°, 65%, 55%
HSV	147°, 70%, 84%
XYZ	30.3258, 50.8490, 30.0463
YIQ	159.8020, -63.0780, -57.3020

Conversions

Conversions Part 2

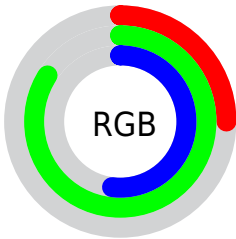
Format	Color
RYB	64, 167, 214
Decimal	4249220
CIELab	76.59, -57.42, 29.43
CIELCh	77, 64.524, 152.869
Yxy	50.8511, 0.2727, 0.4572
Android (android.graphics.Color)	4282439300 (0xFF40D684)
YUV	159.8020, -13.7064, -84.0184
Hunter-Lab	71.3085, -48.8782, 24.9337

Details

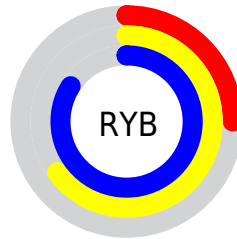
The HunterLab color **71.3085, -48.8782, 24.9337** is a dark color, and the websafe version is hex **33CC66**. The color can be described as middle muted spring green. A complement of this color would be **44.7653, 60.2445, -7.3812**, and the grayscale version is **59.2834, -3.1632, 3.2210**.

A 20% lighter version of the original color is **89.3370, -48.7869, 23.3647**, and **50.0478, -38.6783, 20.9399** is the 20% darker color. If you saturate the color by 10%, you get **70.6848, -51.8898, 27.6614**, and if you desaturate by 10%, it is **72.1455, -44.9985, 22.0822**.

Distribution



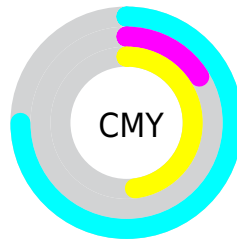
- Red (25%)
- Green (84%)
- Blue (52%)



- Red (25%)
- Yellow (65%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (38%)
- Black (16%)





- Cyan (75%)
- Magenta (16%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 71.3085, -48.8782, 24.9337 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 71.3085, -48.8782, 24.9337 by changing the saturation by 10% instead.


 71.3085, -48.8782,
24.9337


 71.3085, -48.8782,
24.9337


197.4804,
-78.6650, 43.2607


 60.0750, -45.0036,
22.6867


 95.6214, -56.1508,
29.2365


 49.5013, -40.9174,
20.3505


 108.6397,
-59.6009, 31.3168


 39.6330, -36.5637,
17.8990


 122.2005,
-62.9529, 33.3620

 30.5247, -31.8601,
15.2942

 136.2827,
-66.2214, 35.3791

 22.2461, -26.6831,
12.4816

 150.8678,
-69.4181, 37.3734

 14.8907, -21.9387,
10.4235

165.9391,

 8.5406, -14.9460,

-72.5524, 39.3495

5.9784

181.4812,
-75.6325, 41.3109

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3085, -48.8782,
24.9337

■ 71.3085, -48.8782,
24.9337

■ 70.6848, -51.8898,
27.6614

■ 72.1455, -44.9985,
22.0822

■ 70.2512, -54.0813,
30.2251

■ 73.2043, -40.2345,
19.1447


■ 69.9702, -55.5946,
32.5562


■ 74.4941, -34.6031,
16.1612


■ 76.0185, -28.1449,
13.1700


■ 77.7772, -20.9189,

10.2062

 79.7672, -12.9968,
7.3011

 81.9827, -4.4572,
4.4811

 84.4162, 4.6195,
1.7671

 86.8830, 13.5802,
-1.0542

Harmonies

Analogous

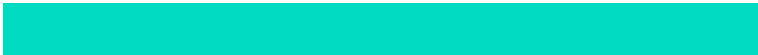
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.3099, -32.9432, 36.6514



71.3085, -48.8782, 24.9337



71.3099, -53.4623, 1.0311

Triad

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



71.3099, -48.8790, 24.9342



71.3099, -0.8482, -77.4056



71.3099, 52.4749, 28.0172

Complementary

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



71.3085, -48.8782, 24.9337



44.7653, 60.2445, -7.3812

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.



71.3099, 64.7723, 6.6191



71.3085, -48.8782, 24.9337



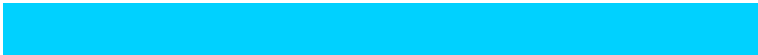
71.3099, 30.9146, -60.7230

Square

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



71.3099, -48.8790, 24.9342



71.3099, -28.6448, -65.8115



71.3099, 56.2904, -26.5558



71.3099, 24.9735, 37.8332

Rectangle

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



71.3085, -48.8782, 24.9337



71.3099, -50.2230, -21.3979



71.3099, 56.2904, -26.5558



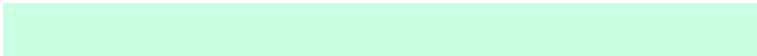
71.3099, 58.7149, 22.3459

Sweetspot

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



71.3099, -48.8790, 24.9342



94.5917, -26.5378, 12.8468



73.9070, -40.1759, 40.9462



43.4766, -13.4434, 6.4082

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.3099, -48.8790, 24.9342



85.9183, -64.6642, 35.2432



73.2570, -37.1577, -3.0295



37.4014, -5.8236, 3.3274



54.4164, -43.1048, 25.0352



13.4261, -10.2026, 5.2431

Inverse Universe

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



44.7653, 60.2445, -7.3812



50.2963, 83.0019, -5.6320



42.9246, 52.6284, 19.0199



35.4024, 2.1020, 0.6926



30.7221, 55.2081, -0.2677



7.6543, 13.9535, -1.6061

Previews

White Background



This preview shows how the HunterLab color 71.3085, -48.8782, 24.9337 looks on a white background.

Color Contrast Check

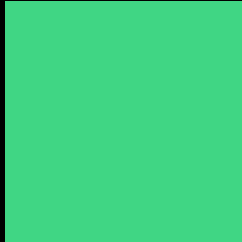
Large Text (above 18pt) WCAG AA × Fail

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 71.3085, -48.8782, 24.9337 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 71.3085, -48.8782, 24.9337 Background



This preview shows how black text looks on a background with the HunterLab color 71.3085, -48.8782, 24.9337.



This preview shows how white text looks on a background with the HunterLab color 71.3085,

-48.8782, 24.9337.

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

71.3085, -48.8782, 24.9337

Protanopia

70.5397, -6.7298, 28.1441

Deuteranopia

70.6457, 4.9123, 22.7947



Tritanopia

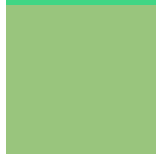
71.0074, -25.7113, -13.2325

Trichromacy



Original Color

71.3085, -48.8782, 24.9337



Protanomaly

69.4158, -26.8354, 25.7320



Deuteranomaly

68.8462, -20.2071, 21.6871



Tritanomaly

70.8433, -35.4450, 3.2148

Monochromacy



Original Color

71.3085, -48.8782, 24.9337



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

62.6135, -23.2401, 10.8527

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.3085, -48.8782, 24.9337 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, 214, 132)` looks like.

```
.text, #text, p{  
    color:rgb(64, 214, 132)  
}
```

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, 214, 132) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 214, 132) }
```

Border

The CSS property to change the border of an element to HunterLab 71.3085, -48.8782, 24.9337 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, 214, 132) }
```


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

```
.border{ border-color:rgb(64, 214, 132) }
```

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

Here you see how a box with a 4 pixel `rgb(64, 214, 132)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 214, 132); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 214, 132);  
box-shadow:4px 4px 4px 4px rgb(64, 214,  
132) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.3085, -48.8782, 24.9337 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 214, 132) }
```

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

```
.background{ background-color: rgb(64, 214,  
132) }
```

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