

Converting Colors

HunterLab(76.4422, -40.8867,
16.5044)

Have a look what the booklet for
HunterLab(76.4422, -40.8867,
16.5044) contains.

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Color

**HunterLab(76.4422,
-40.8867, 16.5044)**

Conversions

Conversions Part 1

Format	Color
Hex	6DDEAB
RGB	109, 222, 171
RGB Percent	43%, 87%, 67%
CMY	0.5725, 0.1294, 0.3294
CMYK	0.51, 0.00, 0.23, 0.13
HSL	153°, 63%, 65%
HSV	153°, 51%, 87%
XYZ	39.7787, 58.4341, 47.7105
YIQ	182.3990, -50.9770, -39.8170

Conversions

Conversions Part 2

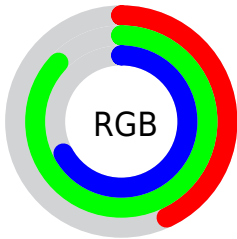
Format	Color
RYB	109, 182, 222
Decimal	7200427
CIELab	80.98, -44.01, 15.30
CIElCh	81, 46.597, 160.833
Yxy	58.4365, 0.2726, 0.4004
Android (android.graphics.Color)	4285390507 (0xFF6DDEAB)
YUV	182.3990, -5.6197, -64.3709
Hunter-Lab	76.4422, -40.8867, 16.5044

Details

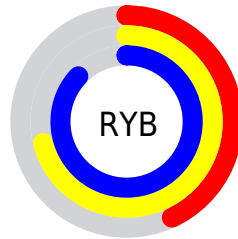
The HunterLab color **76.4422, -40.8867, 16.5044** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **53.8576, 44.7508, -2.6446**, and the grayscale version is **68.6014, -3.6604, 3.7272**.

A 20% lighter version of the original color is **92.3182, -35.0579, 10.0625**, and **54.0451, -34.6717, 13.5488** is the 20% darker color. If you saturate the color by 10%, you get **75.3883, -45.5879, 19.1443**, and if you desaturate by 10%, it is **77.7325, -35.3220, 13.9268**.

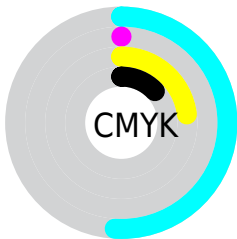
Distribution



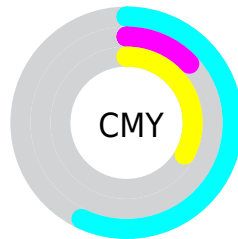
- Red (43%)
- Green (87%)
- Blue (67%)



- Red (43%)
- Yellow (71%)
- Blue (87%)



- Cyan (51%)
- Magenta (0%)
- Yellow (23%)
- Black (13%)





- Cyan (57%)
- Magenta (13%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.4422, -40.8867, 16.5044 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 76.4422, -40.8867, 16.5044 by changing the saturation by 10% instead.


 76.4422, -40.8867,
16.5044


 76.4422, -40.8867,
16.5044


204.6486,
-64.7641, 29.0698


 64.9305, -37.8887,
15.0985


 101.2710,
-46.5889, 19.2896

 54.0614, -34.7590,
13.6735


 114.5303,
-49.3253, 20.6762

 43.8772, -31.4628,
12.2202


 128.3225,
-52.0022, 22.0633

 34.4276, -27.9493,
10.7240

142.6278,
-54.6287, 23.4530

 25.7747, -24.1417,
9.1624

157.4284,
-57.2124, 24.8473

 18.0002, -19.9166,
7.4979

172.7082,

 11.2175, -18.3420,

-59.7596, 26.2475

6.5095

188.4527,
-62.2754, 27.6547

■ 3.2952, -5.7667,
2.3067

0.0000, NaN, NaN

■ 76.4422, -40.8867,
16.5044

■ 76.4422, -40.8867,
16.5044

■ 75.3883, -45.5879,
19.1443

■ 77.7325, -35.3220,
13.9268

■ 74.5574, -49.4130,
21.8070


■ 79.2589, -28.9259,
11.4427


■ 73.9370, -52.3832,
24.4534

■ 81.0239, -21.7532,
9.0820

■ 73.5066, -54.5561,
27.0418


■ 83.0248, -13.8713,
6.8682


 73.2427, -55.9803,
29.2984

 85.2567, -5.3556,
4.8196

 87.7124, 3.7153,
2.9487

 89.3667, 9.9123,
-0.0442

 89.7106, 11.7365,
-4.9221

 89.8469, 12.4576,
-6.8503

Harmonies

Analogous

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



76.4437, -30.4246, 29.2579



76.4422, -40.8867, 16.5044



76.4437, -42.1873, -4.0065

Triad

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



76.4437, -40.8876, 16.5052



76.4437, 4.2405, -48.4645



76.4437, 31.5777, 26.5207

Complementary

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



76.4422, -40.8867, 16.5044



53.8576, 44.7508, -2.6446

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.



76.4437, 43.3490, 11.5163



76.4422, -40.8867, 16.5044



76.4437, 26.3926, -34.0997

Square

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



76.4437, -40.8876, 16.5052



76.4437, -17.8077, -45.9676



76.4437, 41.3486, -10.6618



76.4437, 10.6841, 33.7735

Rectangle

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



76.4422, -40.8867, 16.5044



76.4437, -37.8732, -20.1492



76.4437, 41.3486, -10.6618



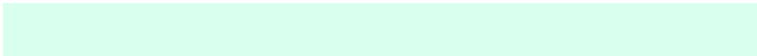
76.4437, 36.8364, 22.4306

Sweetspot

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



76.4437, -40.8876, 16.5052



96.1202, -20.2131, 9.1054



78.1043, -36.7423, 36.5007



44.2402, -10.2561, 4.4677

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.4437, -40.8876, 16.5052



88.1432, -53.6224, 22.5771



76.6756, -30.2950, -6.7231



39.3224, -5.9804, 3.0957



56.4673, -43.0187, 22.2858



14.9269, -10.9531, 4.9873

Inverse Universe

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



53.8576, 44.7508, -2.6446



57.5834, 63.4214, -2.3890



53.2854, 36.6101, 17.3758



37.1522, 2.0702, 1.1494



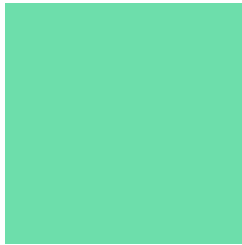
31.2967, 55.4195, 6.0916



8.3474, 14.9830, 0.0620

Previews

White Background



This preview shows how the HunterLab color 76.4422, -40.8867, 16.5044 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 76.4422, -40.8867, 16.5044 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

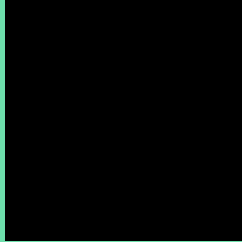
Any Text WCAG AA ✓ Pass

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 76.4422, -40.8867, 16.5044 Background



This preview shows how black text looks on a background with the HunterLab color 76.4422, -40.8867, 16.5044.



This preview shows how white text looks on a background with the HunterLab color 76.4422, -40.8867, 16.5044.

-40.8867, 16.5044.

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

76.4422, -40.8867, 16.5044

Protanopia

75.7509, -5.5066, 20.5502

Deuteranopia

75.6337, 5.6197, 14.0968



Tritanopia

76.3533, -23.5666, -12.0701

Trichromacy



Original Color

76.4422, -40.8867, 16.5044



Protanomaly

75.1132, -20.4866, 18.2025



Deuteranomaly

74.8314, -14.4038, 13.7243



Tritanomaly

76.3035, -30.4428, -0.3867

Monochromacy



Original Color

76.4422, -40.8867, 16.5044



Achromatopsia

68.3947, -3.6494, 3.7160



Achromatomaly

70.7922, -19.1961, 8.0098

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.4422, -40.8867, 16.5044 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(109, 222, 171)` looks like.

```
.text, #text, p{  
    color:rgb(109, 222, 171)  
}
```

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(109, 222, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 222, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 76.4422, -40.8867, 16.5044 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(109, 222, 171) }
```


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

```
.border{ border-color:rgb(109, 222, 171) }
```

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

Here you see how a box with a 4 pixel rgb(109, 222, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 222, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 222, 171);  
box-shadow:4px 4px 4px 4px rgb(109, 222,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.4422, -40.8867, 16.5044 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 222, 171) }
```

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

```
.background{ background-color: rgb(109,  
222, 171) }
```

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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