

Converting Colors

HunterLab(63.8235, -40.5205,
9.4000)

Have a look what the booklet for
HunterLab(63.8235, -40.5205,
9.4000) contains.

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Color

**HunterLab(63.8235,
-40.5205, 9.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	18C19C
RGB	24, 193, 156
RGB Percent	9%, 76%, 61%
CMY	0.9058, 0.2431, 0.3882
CMYK	0.88, 0.00, 0.19, 0.24
HSL	167°, 78%, 43%
HSV	167°, 88%, 76%
XYZ	25.4474, 40.7344, 37.9738
YIQ	138.2510, -88.8470, -47.3350

Conversions

Conversions Part 2

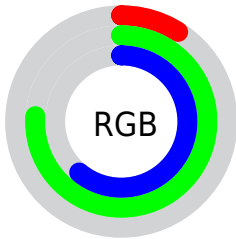
Format	Color
RYB	24, 119, 193
Decimal	1622428
CIELab	69.99, -48.39, 7.48
CIElCh	70, 48.960, 171.213
Yxy	40.7360, 0.2443, 0.3911
Android (android.graphics.Color)	4279812508 (0xFF18C19C)
YUV	138.2510, 8.7503, -100.1981
Hunter-Lab	63.8235, -40.5205, 9.4000

Details

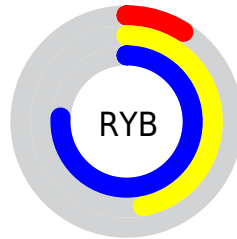
The HunterLab color **63.8235, -40.5205, 9.4000** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.1123, 56.3054, 15.1634**, and the grayscale version is **50.5074, -2.6949, 2.7442**.

A 20% lighter version of the original color is **87.1938, -46.8651, 11.4477**, and **43.8142, -29.2604, 8.4007** is the 20% darker color. If you saturate the color by 10%, you get **63.5856, -41.7150, 10.8417**, and if you desaturate by 10%, it is **64.1932, -38.8029, 8.0624**.

Distribution



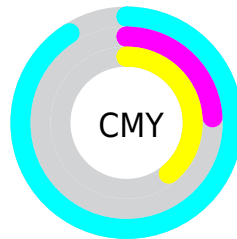
- Red (9%)
- Green (76%)
- Blue (61%)



- Red (9%)
- Yellow (47%)
- Blue (76%)



- Cyan (88%)
- Magenta (0%)
- Yellow (19%)
- Black (24%)





- Cyan (91%)
- Magenta (24%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.8235, -40.5205, 9.4000 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 63.8235, -40.5205, 9.4000 by changing the saturation by 10% instead.


 63.8235, -40.5205,
9.4000


 63.8235, -40.5205,
9.4000


186.8732,
-66.8613, 18.8749


 53.0215, -37.0980,
8.4198


 87.3401, -46.9356,
11.3978


 42.9077, -33.4802,
7.4471


 99.9878, -49.9796,
12.4174


 33.5340, -29.6082,
6.4774


 113.1931,
-52.9392, 13.4526

 24.9641, -25.3927,
5.5026

 126.9334,
-55.8280, 14.5037

 17.2821, -20.6908,
4.5082

 141.1887,
-58.6566, 15.5713

 10.6056, -18.5598,
3.6149

155.9410,

0.0000, NaN, NaN

-61.4337, 16.6557

0.0000, NaN, NaN

171.1741,
-64.1666, 17.7568

0.0000, NaN, NaN

■ 63.8235, -40.5205,
9.4000

■ 63.8235, -40.5205,
9.4000

■ 63.5856, -41.7150,
10.8417

■ 64.1932, -38.8029,
8.0624

■ 63.5353, -41.9735,
11.1952

■ 64.7164, -36.4717,
6.8654

■ 65.4093, -33.4864,
5.8371

■ 66.2826, -29.8311,
4.9994

■ 67.3430, -25.5114,
4.3684

■ 68.5941, -20.5503,
3.9549

■ 70.0367, -14.9847,
3.7642

■ 71.6693, -8.8618,
3.7969

■ 73.4881, -2.2350,
4.0493

Harmonies

Analogous

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



63.8247, -33.5311, 24.1198



63.8235, -40.5205, 9.4000



63.8247, -38.6882, -13.1309

Triad

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



63.8247, -40.5209, 9.4007



63.8247, 12.8714, -47.4969



63.8247, 25.7571, 27.8047

Complementary

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



63.8235, -40.5205, 9.4000



35.1123, 56.3054, 15.1634

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.



63.8247, 41.7224, 16.5495



63.8235, -40.5205, 9.4000



63.8247, 33.6010, -27.7509

Square

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



63.8247, -40.5209, 9.4007



63.8247, -9.8328, -51.4639



63.8247, 44.7747, -3.0815



63.8247, 3.2794, 32.0816

Rectangle

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



63.8235, -40.5205, 9.4000



63.8247, -32.5878, -29.6961



63.8247, 44.7747, -3.0815



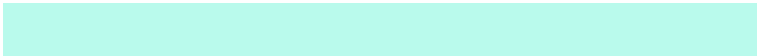
63.8247, 32.1852, 24.9413

Sweetspot

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



63.8247, -40.5209, 9.4007



92.0062, -26.6846, 5.2481



62.6727, -48.9722, 36.9431



42.3263, -13.4919, 2.4991



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.8247, -40.5209, 9.4007



85.0044, -56.3088, 15.3065



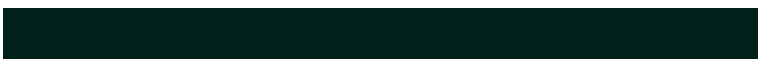
50.2050, -14.6764, -28.9047



33.7483, -4.7342, 1.7851



51.8270, -34.1586, 8.9594



10.8174, -6.8305, 1.2243

Inverse Universe

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



35.1123, 56.3054, 15.1634



45.3637, 78.2888, 24.6458



39.5848, 40.2619, 23.8014



31.8013, 1.3840, 1.8628



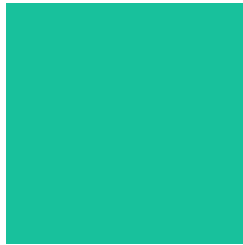
27.6824, 47.8491, 14.4604



5.8457, 10.2830, 1.6681

Previews

White Background



This preview shows how the HunterLab color 63.8235, -40.5205, 9.4000 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 63.8235, -40.5205, 9.4000 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

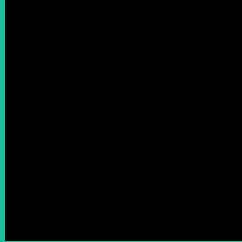
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

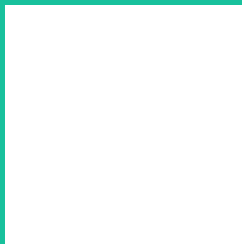
Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 63.8235, -40.5205, 9.4000 Background



This preview shows how black text looks on a background with the HunterLab color 63.8235, -40.5205, 9.4000.



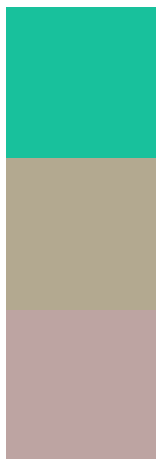
This preview shows how white text looks on a background with the HunterLab color 63.8235,

-40.5205, 9.4000.

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

63.8235, -40.5205, 9.4000

Protanopia

63.2244, -3.8878, 14.1469

Deuteranopia

63.2285, 4.4854, 6.9864



Tritanopia

63.8725, -26.9447, -12.9820

Trichromacy



Original Color

63.8235, -40.5205, 9.4000



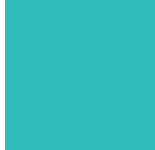
Protanomaly

61.7979, -23.1277, 10.7948



Deuteranomaly

61.5347, -18.5486, 5.5481



Tritanomaly

63.6603, -32.4087, -4.0881

Monochromacy



Original Color

63.8235, -40.5205, 9.4000



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

53.8883, -20.5455, 3.3727

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.8235, -40.5205, 9.4000 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(24, 193, 156)` looks like.

```
.text, #text, p{  
    color:rgb(24, 193, 156)  
}
```

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(24, 193, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(24, 193, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 63.8235, -40.5205, 9.4000 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(24, 193, 156) }
```


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

```
.border{ border-color:rgb(24, 193, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(24, 193, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(24, 193, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(24, 193, 156);  
box-shadow:4px 4px 4px 4px rgb(24, 193,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.8235, -40.5205, 9.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(24, 193, 156) }
```

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

```
.background{ background-color: rgb(24, 193,  
156) }
```

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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