

Converting Colors

HunterLab(63.4008, -40.1553,
9.8233)

Have a look what the booklet for
HunterLab(63.4008, -40.1553,
9.8233) contains.

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Color

**HunterLab(63.4889,
-40.2053, 9.8677)**

Conversions

Conversions Part 1

Format	Color
Hex	1EC09A
RGB	30, 192, 154
RGB Percent	12%, 75%, 60%
CMY	0.8823, 0.2470, 0.3961
CMYK	0.84, 0.00, 0.20, 0.25
HSL	166°, 73%, 44%
HSV	166°, 84%, 75%
XYZ	25.2178, 40.3084, 37.0231
YIQ	139.2300, -84.3540, -46.1620

Conversions

Conversions Part 2

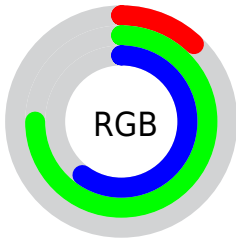
Format	Color
RYB	30, 122, 192
Decimal	2015386
CIELab	69.69, -48.06, 8.15
CIELCh	70, 48.746, 170.381
Yxy	40.3100, 0.2459, 0.3931
Android (android.graphics.Color)	4280205466 (0xFF1EC09A)
YUV	139.2300, 7.2816, -95.7947
Hunter-Lab	63.4889, -40.2053, 9.8677

Details

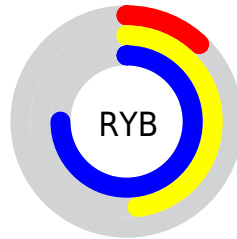
The HunterLab color **63.4889, -40.2053, 9.8677** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **35.4309, 55.1155, 13.6424**, and the grayscale version is **50.9015, -2.7160, 2.7656**.

A 20% lighter version of the original color is **86.8512, -46.5058, 11.9656**, and **43.4403, -29.2022, 8.7426** is the 20% darker color. If you saturate the color by 10%, you get **63.2110, -41.5743, 11.3567**, and if you desaturate by 10%, it is **63.9101, -38.2687, 8.4895**.

Distribution



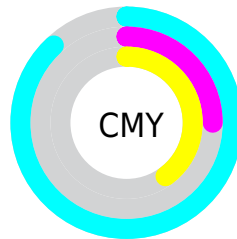
- Red (12%)
- Green (75%)
- Blue (60%)



- Red (12%)
- Yellow (48%)
- Blue (75%)



- Cyan (84%)
- Magenta (0%)
- Yellow (20%)
- Black (25%)





- Cyan (88%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.4889, -40.2053, 9.8677 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 63.4889, -40.2053, 9.8677 by changing the saturation by 10% instead.


 63.4889, -40.2053,
9.8677


 63.4889, -40.2053,
9.8677


186.3943,
-66.4243, 19.5945


 52.7070, -36.7984,
8.8510


 86.9686, -46.5904,
11.9314


 42.6147, -33.1966,
7.8386


 99.5991, -49.6201,
12.9813


 33.2641, -29.3408,
6.8254


 112.7880,
-52.5659, 14.0451

 24.7196, -25.1410,
5.8016

 126.5125,
-55.4412, 15.1237

 17.0659, -20.4533,
4.7505

 140.7526,
-58.2567, 16.2177

 10.4220, -18.2386,
3.8905

155.4902,

0.0000, NaN, NaN

-61.0212, 17.3273

0.0000, NaN, NaN

170.7090,
-63.7417, 18.4528

0.0000, NaN, NaN

■ 63.4889, -40.2053,
9.8677

■ 63.4889, -40.2053,
9.8677

■ 63.2110, -41.5743,
11.3567

■ 63.9101, -38.2687,
8.4895

■ 63.0920, -42.1883,
12.2130

■ 64.4896, -35.7026,
7.2523

■ 65.2423, -32.4759,
6.1827

■ 66.1771, -28.5808,
5.3015

■ 67.2997, -24.0295,
4.6240

■ 68.6127, -18.8504,
4.1602

■ 70.1159, -13.0848,
3.9150

■ 71.8071, -6.7824,
3.8885

■ 73.6820, 0.0016,
4.0769

Harmonies

Analogous

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



63.4901, -33.0165, 24.2654



63.4889, -40.2053, 9.8677



63.4901, -38.6277, -12.3586

Triad

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



63.4901, -40.2057, 9.8684



63.4901, 12.1546, -47.5496



63.4901, 26.1581, 27.4374

Complementary

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



63.4889, -40.2053, 9.8677



35.4309, 55.1155, 13.6424

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.



63.4901, 41.7374, 16.0235



63.4889, -40.2053, 9.8677



63.4901, 32.9139, -28.2400

Square

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



63.4901, -40.2057, 9.8684



63.4901, -10.3616, -50.9669



63.4901, 44.3664, -3.7040



63.4901, 3.8938, 31.8546

Rectangle

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



63.4889, -40.2053, 9.8677



63.4901, -32.7221, -28.8468



63.4901, 44.3664, -3.7040



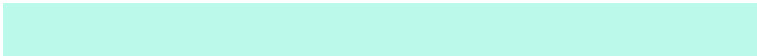
63.4901, 32.4722, 24.5218

Sweetspot

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



63.4901, -40.2057, 9.8684



92.1628, -26.1301, 5.6508



62.5424, -47.6660, 36.5388



42.3885, -13.2763, 2.7092



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.



63.4901, -40.2057, 9.8684



84.9016, -56.9349, 16.7865



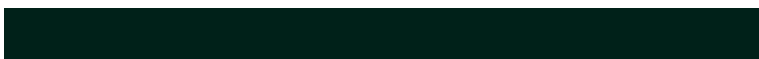
51.3597, -16.2042, -26.2074



33.7442, -4.7569, 1.8431



51.7656, -34.5329, 9.8441



10.8068, -6.8946, 1.3759

Inverse Universe

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



35.4309, 55.1155, 13.6424



45.4064, 78.4466, 24.0163



39.6799, 39.4043, 23.3040



31.8053, 1.4057, 1.8054



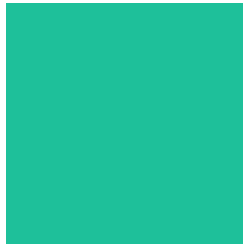
27.7104, 47.9527, 14.0476



5.8554, 10.3186, 1.5275

Previews

White Background



This preview shows how the HunterLab color 63.4889, -40.2053, 9.8677 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 63.4889, -40.2053, 9.8677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

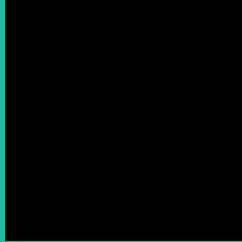
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

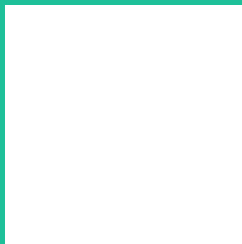
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.4889, -40.2053, 9.8677 Background



This preview shows how black text looks on a background with the HunterLab color 63.4889, -40.2053, 9.8677.



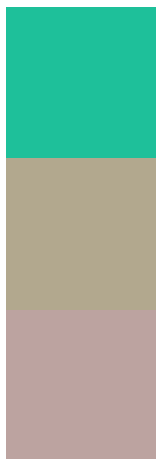
This preview shows how white text looks on a background with the HunterLab color 63.4889, -40.2053, 9.8677.

-40.2053, 9.8677.

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

63.4889, -40.2053, 9.8677

Protanopia

62.7879, -3.9943, 14.4542

Deuteranopia

62.7884, 4.3513, 7.3614



Tritanopia

63.5805, -26.4360, -12.8142

Trichromacy



Original Color

63.4889, -40.2053, 9.8677



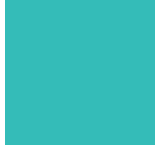
Protanomaly

61.4855, -22.7628, 11.2655



Deuteranomaly

61.2911, -17.9451, 6.1615



Tritanomaly

63.3697, -31.8825, -3.9380

Monochromacy



Original Color

63.4889, -40.2053, 9.8677



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

53.9629, -20.3184, 3.9057

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.4889, -40.2053, 9.8677 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(30, 192, 154)` looks like.

```
.text, #text, p{  
    color:rgb(30, 192, 154)  
}
```

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(30, 192, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(30, 192, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 63.4889, -40.2053, 9.8677 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(30, 192, 154) }
```


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

```
.border{ border-color:rgb(30, 192, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(30, 192, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(30, 192, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(30, 192, 154);  
box-shadow:4px 4px 4px 4px rgb(30, 192,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.4889, -40.2053, 9.8677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(30, 192, 154) }
```

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

```
.background{ background-color: rgb(30, 192,  
154) }
```

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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