

Converting Colors

HunterLab(64.4102, -39.1989,
7.1971)

Have a look what the booklet for
HunterLab(64.4102, -39.1989,
7.1971) contains.

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Color

**HunterLab(64.4866,
-39.2340, 7.1914)**

Conversions

Conversions Part 1

Format	Color
Hex	23C2A3
RGB	35, 194, 163
RGB Percent	14%, 76%, 64%
CMY	0.8627, 0.2392, 0.3608
CMYK	0.82, 0.00, 0.16, 0.24
HSL	168°, 69%, 45%
HSV	168°, 82%, 76%
XYZ	26.5958, 41.5852, 41.2754
YIQ	142.9250, -84.8130, -43.3490

Conversions

Conversions Part 2

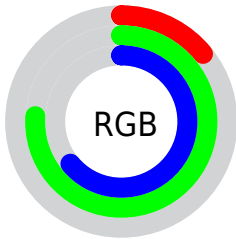
Format	Color
RYB	35, 123, 194
Decimal	2343587
CIELab	70.59, -46.17, 4.54
CIELCh	71, 46.394, 174.387
Yxy	41.5868, 0.2430, 0.3799
Android (android.graphics.Color)	4280533667 (0xFF23C2A3)
YUV	142.9250, 9.8970, -94.6502
Hunter-Lab	64.4866, -39.2340, 7.1914

Details

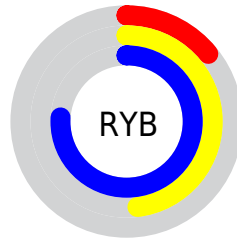
The HunterLab color **64.4866, -39.2340, 7.1914** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **36.1468, 54.4401, 14.7693**, and the grayscale version is **52.3676, -2.7942, 2.8452**.

A 20% lighter version of the original color is **87.9610, -45.1963, 8.7005**, and **44.2865, -28.7239, 6.6524** is the 20% darker color. If you saturate the color by 10%, you get **64.1892, -40.6504, 8.4520**, and if you desaturate by 10%, it is **64.9328, -37.2349, 6.0726**.

Distribution



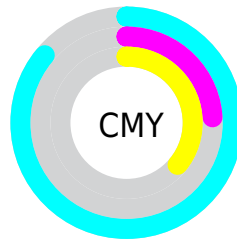
- Red (14%)
- Green (76%)
- Blue (64%)



- Red (14%)
- Yellow (48%)
- Blue (76%)



- Cyan (82%)
- Magenta (0%)
- Yellow (16%)
- Black (24%)



- Cyan (86%)
- Magenta (24%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.4866, -39.2340, 7.1914 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 64.4866, -39.2340, 7.1914 by changing the saturation by 10% instead.

■ 64.4866, -39.2340,
7.1914

■ 64.4866, -39.2340,
7.1914

187.8210,
-64.5748, 15.5643

■ 53.6450, -35.9624,
6.3689

■ 88.0761, -45.3809,
8.9028

■ 43.4889, -32.5106,
5.5663

■ 100.7576,
-48.3037, 9.7907

■ 34.0695, -28.8241,
4.7827

■ 113.9953,
-51.1491, 10.7002

■ 25.4498, -24.8204,
4.0154

■ 127.7668,
-53.9295, 11.6312

■ 17.7121, -20.3672,
3.2584

■ 142.0522,
-56.6548, 12.5833

■ 10.9716, -19.2003,
2.4993

156.8335,

■ 2.5451, -4.4539,

-59.3332, 13.5565

1.7816

172.0946,
-61.9713, 14.5502

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4866, -39.2340,
7.1914

■ 64.4866, -39.2340,
7.1914

■ 64.1892, -40.6504,
8.4520

■ 64.9328, -37.2349,
6.0726

■ 64.0243, -41.4837,
9.5265


■ 65.5416, -34.5970,
5.1230


■ 66.3270, -31.2933,
4.3666


■ 67.2975, -27.3190,
3.8208


■ 68.4582, -22.6888,

3.4970

 69.8112, -17.4330,
3.4015

 71.3560, -11.5938,
3.5353

 73.0900, -5.2217,
3.8947

 75.0088, 1.6281,
4.4726

Harmonies

Analogous

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



64.4878, -33.3760, 22.2683



64.4866, -39.2340, 7.1914



64.4878, -36.5572, -14.6606

Triad

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



64.4878, -39.2344, 7.1921



64.4878, 14.2825, -42.7903



64.4878, 22.0761, 27.7639

Complementary

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



64.4866, -39.2340, 7.1914



36.1468, 54.4401, 14.7693

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.



64.4878, 38.0832, 17.5681



64.4866, -39.2340, 7.1914



64.4878, 33.1918, -23.4279

Square

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



64.4878, -39.2344, 7.1921



64.4878, -7.3866, -48.2962



64.4878, 42.3928, -0.4024



64.4878, 0.5949, 31.4227

Rectangle

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



64.4866, -39.2340, 7.1914



64.4878, -30.0890, -29.9702



64.4878, 42.3928, -0.4024



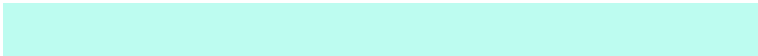
64.4878, 28.3808, 25.1862

Sweetspot

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



64.4878, -39.2344, 7.1921



93.3090, -25.9918, 4.5878



63.1608, -48.6461, 36.5744



43.3607, -13.3470, 2.1697

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4878, -39.2344, 7.1921



86.2010, -55.7230, 12.7577



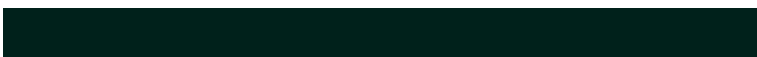
49.9046, -13.0873, -30.1180



33.7545, -4.6995, 1.6959



51.9242, -33.5680, 7.5630



10.8340, -6.7302, 0.9870

Inverse Universe

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



36.1468, 54.4401, 14.7693



45.9879, 78.7079, 25.3280



42.1107, 34.9197, 24.3198



31.7951, 1.3509, 1.9507



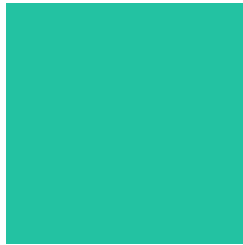
27.6431, 47.7037, 15.0399



5.8308, 10.2283, 1.8845

Previews

White Background



This preview shows how the HunterLab color 64.4866, -39.2340, 7.1914 looks on a white background.

Color Contrast Check

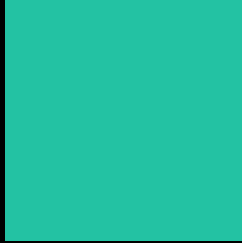
Large Text (above 18pt) WCAG AA × Fail

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 64.4866, -39.2340, 7.1914 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

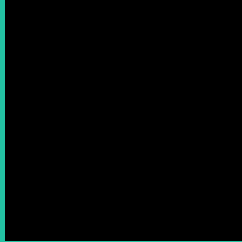
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

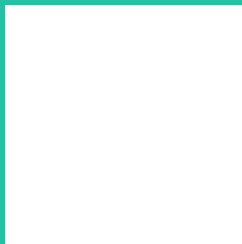
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4866, -39.2340, 7.1914 Background



This preview shows how black text looks on a background with the HunterLab color 64.4866, -39.2340, 7.1914.



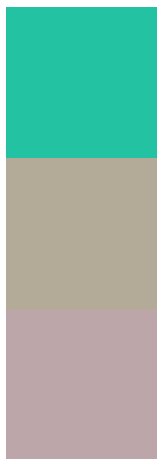
This preview shows how white text looks on a background with the HunterLab color 64.4866,

-39.2340, 7.1914.

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

64.4866, -39.2340, 7.1914

Protanopia

63.9874, -3.9106, 12.2315

Deuteranopia

63.8971, 4.2151, 4.6172



Tritanopia

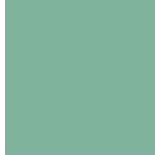
64.3553, -26.6475, -13.4414

Trichromacy



Original Color

64.4866, -39.2340, 7.1914



Protanomaly

62.5450, -21.5840, 8.7656



Deuteranomaly

62.2465, -17.1209, 3.2335



Tritanomaly

64.2323, -31.6302, -5.4138

Monochromacy



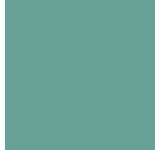
Original Color

64.4866, -39.2340, 7.1914



Achromatopsia

52.4097, -2.7964, 2.8475



Achromatomaly

55.6648, -20.0222, 3.2166

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4866, -39.2340, 7.1914 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(35, 194, 163)` looks like.

```
.text, #text, p{  
  color:rgb(35, 194, 163)  
}
```

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(35, 194, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(35, 194, 163) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4866, -39.2340, 7.1914 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(35, 194, 163) }
```


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

```
.border{ border-color:rgb(35, 194, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(35, 194, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(35, 194, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(35, 194, 163);  
box-shadow:4px 4px 4px 4px rgb(35, 194,  
163) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4866, -39.2340, 7.1914 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(35, 194, 163) }
```

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

```
.background{ background-color: rgb(35, 194,  
163) }
```

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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