

Converting Colors

HunterLab(64.4102, -38.8686,
4.6348)

Have a look what the booklet for
HunterLab(64.4102, -38.8686,
4.6348) contains.

HunterLab(64.4877, -38.8883, 4.5455)	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(64.4877,
-38.8883, 4.5455)**

Conversions

Conversions Part 1

Format	Color
Hex	13C2A9
RGB	19, 194, 169
RGB Percent	7%, 76%, 66%
CMY	0.9254, 0.2392, 0.3372
CMYK	0.90, 0.00, 0.13, 0.24
HSL	171°, 82%, 42%
HSV	171°, 90%, 76%
XYZ	26.7218, 41.5866, 44.1548
YIQ	138.8250, -96.2750, -44.8750

Conversions

Conversions Part 2

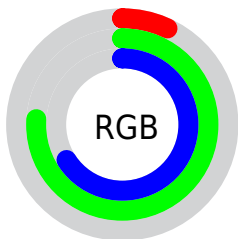
Format	Color
RYB	19, 113, 194
Decimal	1295017
CIELab	70.59, -45.66, 1.25
CIELCh	71, 45.677, 178.434
Yxy	41.5882, 0.2376, 0.3698
Android (android.graphics.Color)	4279485097 (0xFF13C2A9)
YUV	138.8250, 14.8763, -105.0865
Hunter-Lab	64.4877, -38.8883, 4.5455

Details

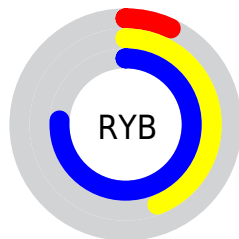
The HunterLab color **64.4877, -38.8883, 4.5455** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark washed spring green. A complement of this color would be **34.8112, 56.6945, 18.3809**, and the grayscale version is **50.7153, -2.7060, 2.7555**.

A 20% lighter version of the original color is **87.9656, -44.8145, 5.8873**, and **44.4405, -27.7903, 4.4444** is the 20% darker color. If you saturate the color by 10%, you get **64.3028, -39.7966, 5.5364**, and if you desaturate by 10%, it is **64.7881, -37.5245, 3.6519**.

Distribution



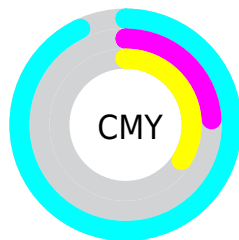
- Red (7%)
- Green (76%)
- Blue (66%)



- Red (7%)
- Yellow (44%)
- Blue (76%)



- Cyan (90%)
- Magenta (0%)
- Yellow (13%)
- Black (24%)





- Cyan (93%)
- Magenta (24%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 64.4877, -38.8883, 4.5455 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 64.4877, -38.8883, 4.5455 by changing the saturation by 10% instead.


 64.4877, -38.8883,
4.5455


 64.4877, -38.8883,
4.5455


187.8226,
-64.0076, 11.7094


 53.6461, -35.6490,
3.8933


 88.0773, -44.9767,
5.9455

 43.4899, -32.2324,
3.2734


 100.7588,
-47.8729, 6.6892

 34.0704, -28.5848,
2.6883


 113.9966,
-50.6930, 7.4610

 25.4506, -24.6244,
2.1397

 127.7682,
-53.4493, 8.2599

 17.7128, -20.2207,
1.6299

 142.0536,
-56.1516, 9.0849

 10.9722, -19.2014,
1.1605

156.8349,

 2.5472, -4.4576,

-58.8079, 9.9353

1.7831

172.0961,
-61.4247, 10.8103

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.4877, -38.8883,
4.5455

■ 64.4877, -38.8883,
4.5455

■ 64.3028, -39.7966,
5.5364

■ 64.7881, -37.5245,
3.6519

■ 65.2353, -35.5759,
2.9261

■ 65.8475, -32.9915,
2.3952

■ 66.6367, -29.7457,
2.0787

■ 67.6111, -25.8350,

1.9896

■ 68.7754, -21.2742,
2.1353

■ 70.1315, -16.0935,
2.5171

■ 71.6789, -10.3346,
3.1318

■ 73.4147, -4.0472,
3.9721

Harmonies

Analogous

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



64.4889, -34.2269, 20.4819



64.4877, -38.8883, 4.5455



64.4889, -35.1047, -17.4644

Triad

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



64.4889, -38.8886, 4.5462



64.4889, 16.8191, -39.9466



64.4889, 18.9610, 28.3195

Complementary

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



64.4877, -38.8883, 4.5455



34.8112, 56.6945, 18.3809

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.



64.4889, 35.8196, 19.1835



64.4877, -38.8883, 4.5455



64.4889, 34.4764, -19.8696

Square

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



64.4889, -38.8886, 4.5462



64.4889, -4.5389, -47.5644



64.4889, 41.8254, 2.4569



64.4889, -2.3426, 31.2178

Rectangle

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



64.4877, -38.8883, 4.5455



64.4889, -27.9921, -32.1257



64.4889, 41.8254, 2.4569



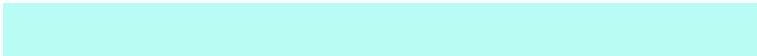
64.4889, 25.4319, 26.0559

Sweetspot

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



64.4889, -38.8886, 4.5462



93.0502, -26.7863, 2.9845



62.6067, -51.1016, 37.0990



43.2632, -13.6194, 1.3334

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.4889, -38.8886, 4.5462



86.5340, -53.6678, 7.6935



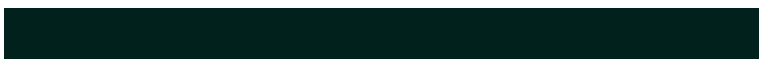
45.5445, -7.7397, -38.5162



33.7682, -4.6235, 1.5014



52.1476, -32.2146, 4.3620



10.8715, -6.5037, 0.4511

Inverse Universe

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



34.8112, 56.6945, 18.3809



45.7246, 78.5842, 27.3795



41.5848, 35.6308, 25.3684



31.7818, 1.2792, 2.1407



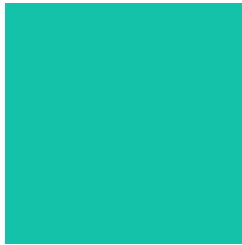
27.5725, 47.4424, 16.0828



5.7982, 10.1086, 2.3590

Previews

White Background



This preview shows how the HunterLab color 64.4877, -38.8883, 4.5455 looks on a white background.

Color Contrast Check

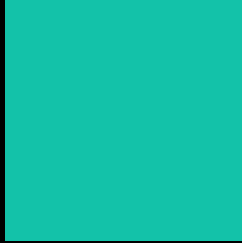
Large Text (above 18pt) WCAG AA × Fail

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 64.4877, -38.8883, 4.5455 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

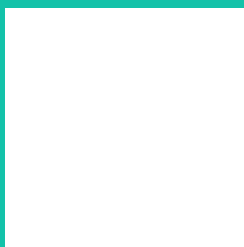
Any Text WCAG AAA ✓ Pass

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

HunterLab 64.4877, -38.8883, 4.5455 Background



This preview shows how black text looks on a background with the HunterLab color 64.4877, -38.8883, 4.5455.



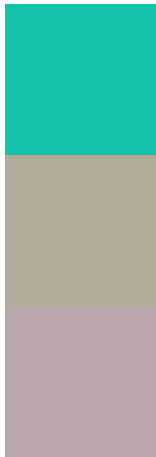
This preview shows how white text looks on a background with the HunterLab color 64.4877, -38.8883, 4.5455.

-38.8883, 4.5455.

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

64.4877, -38.8883, 4.5455

Protanopia

64.0243, -3.5229, 10.2631

Deuteranopia

63.8801, 4.5190, 1.7986



Tritanopia

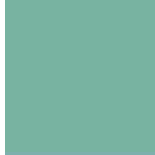
64.4725, -27.9071, -13.2956

Trichromacy



Original Color

64.4877, -38.8883, 4.5455



Protanomaly

62.2948, -22.1975, 5.9054



Deuteranomaly

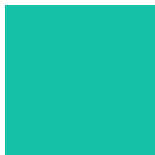
61.9901, -17.7051, 0.0750



Tritanomaly

64.4325, -32.4457, -6.2213

Monochromacy



Original Color

64.4877, -38.8883, 4.5455



Achromatopsia

50.8117, -2.7112, 2.7607



Achromatomaly

54.2505, -20.5039, 1.5354

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.4877, -38.8883, 4.5455 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(19, 194, 169)` looks like.

```
.text, #text, p{  
  color:rgb(19, 194, 169)  
}
```

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(19, 194, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(19, 194, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 64.4877, -38.8883, 4.5455 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(19, 194, 169) }
```


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

```
.border{ border-color:rgb(19, 194, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(19, 194, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(19, 194, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(19, 194, 169);  
box-shadow:4px 4px 4px 4px rgb(19, 194,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.4877, -38.8883, 4.5455 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(19, 194, 169) }
```

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

```
.background{ background-color: rgb(19, 194,  
169) }
```

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