

Converting Colors

HunterLab(68.3403, -39.5914,
10.3299)

Have a look what the booklet for
HunterLab(68.3403, -39.5914,
10.3299) contains.

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Color

**HunterLab(68.3328,
-39.6441, 10.5257)**

Conversions

Conversions Part 1

Format	Color
Hex	45CBA5
RGB	69, 203, 165
RGB Percent	27%, 80%, 65%
CMY	0.7294, 0.2039, 0.3529
CMYK	0.66, 0.00, 0.19, 0.20
HSL	163°, 56%, 53%
HSV	163°, 66%, 80%
XYZ	30.6017, 46.6937, 42.9973
YIQ	158.6020, -67.6660, -40.2260

Conversions

Conversions Part 2

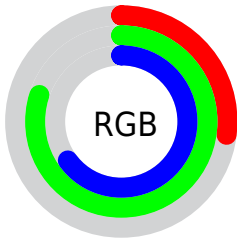
Format	Color
RYB	69, 147, 203
Decimal	4574117
CIELab	73.99, -45.21, 8.43
CIElCh	74, 45.989, 169.437
Yxy	46.6956, 0.2544, 0.3882
Android (android.graphics.Color)	4282764197 (0xFF45CBA5)
YUV	158.6020, 3.1542, -78.5810
Hunter-Lab	68.3328, -39.6441, 10.5257

Details

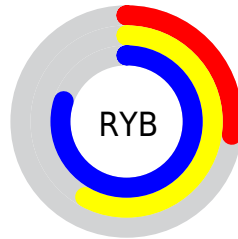
The HunterLab color **68.3328, -39.6441, 10.5257** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **42.4446, 49.4139, 7.5864**, and the grayscale version is **58.7279, -3.1336, 3.1908**.

A 20% lighter version of the original color is **90.3288, -43.0773, 10.4624**, and **47.2991, -31.5602, 9.0096** is the 20% darker color. If you saturate the color by 10%, you get **67.7280, -42.3874, 12.1797**, and if you desaturate by 10%, it is **69.1256, -36.1851, 9.0186**.

Distribution



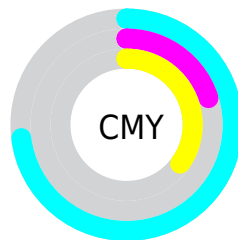
- Red (27%)
- Green (80%)
- Blue (65%)



- Red (27%)
- Yellow (58%)
- Blue (80%)



- Cyan (66%)
- Magenta (0%)
- Yellow (19%)
- Black (20%)



- Cyan (73%)
- Magenta (20%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3328, -39.6441, 10.5257 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 68.3328, -39.6441, 10.5257 by changing the saturation by 10% instead.

■ 68.3328, -39.6441,
10.5257

■ 68.3328, -39.6441,
10.5257

193.2868,
-64.3749, 20.4163

■ 57.2670, -36.4840,
9.4904

■ 92.3358, -45.6084,
12.6273

■ 46.8716, -33.1629,
8.4600

■ 105.2097,
-48.4541, 13.6959

■ 37.1947, -29.6343,
7.4300

■ 118.6318,
-51.2293, 14.7783

■ 28.2942, -25.8288,
6.3924

■ 132.5806,
-53.9454, 15.8753

■ 20.2449, -21.6368,
5.3333

■ 147.0370,
-56.6112, 16.9872

■ 13.1485, -18.0017,
4.2269

161.9836,

■ 6.6500, -11.6375,

-59.2342, 18.1145

4.6550

177.4050,
-61.8204, 19.2575

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3328, -39.6441,
10.5257

■ 68.3328, -39.6441,
10.5257

■ 67.7280, -42.3874,
12.1797

■ 69.1256, -36.1851,
9.0186

■ 67.2920, -44.4509,
13.9472

■ 70.1130, -31.9983,
7.6824

■ 67.0040, -45.9088,
15.7913


■ 71.3026, -27.0963,
6.5387


■ 66.9113, -46.3977,
16.5261

■ 72.6975, -21.5097,
5.6029


■ 74.2978, -15.2834,

4.8849

 76.1010, -8.4720,
4.3893

 78.1028, -1.1363,
4.1163

 80.2972, 6.6612,
4.0619

 82.6768, 14.8583,
4.2188

Harmonies

Analogous

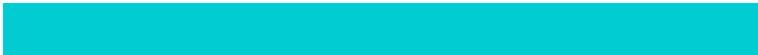
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.3341, -32.2386, 24.6266



68.3328, -39.6441, 10.5257



68.3341, -38.3488, -10.6633

Triad

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



68.3341, -39.6446, 10.5264



68.3341, 10.6204, -44.5716



68.3341, 25.2844, 27.3126

Complementary

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



68.3328, -39.6441, 10.5257



42.4446, 49.4139, 7.5864

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.



68.3341, 39.7437, 15.5276



68.3328, -39.6441, 10.5257



68.3341, 30.5818, -27.0197

Square

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



68.3341, -39.6446, 10.5264



68.3341, -11.0454, -47.1673



68.3341, 41.7937, -3.8685



68.3341, 4.0744, 32.1360

Rectangle

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



68.3328, -39.6441, 10.5257



68.3341, -32.6690, -26.1832



68.3341, 41.7937, -3.8685



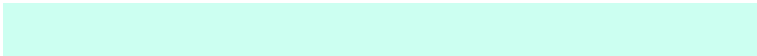
68.3341, 31.2012, 24.2398

Sweetspot

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



68.3341, -39.6446, 10.5264



95.2264, -23.3048, 6.6817



68.1230, -43.8489, 36.3086



43.7856, -11.8368, 3.2163

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3341, -39.6446, 10.5264



87.3860, -56.0312, 16.6707



60.5871, -21.1783, -18.3297



35.5959, -5.1145, 2.1378



53.3923, -36.9194, 12.9626



12.1790, -8.0689, 2.1958

Inverse Universe

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



42.4446, 49.4139, 7.5864



49.9973, 74.5557, 14.3884



46.3215, 34.0373, 21.9315



33.5635, 1.5780, 1.7135



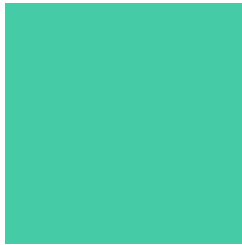
28.7842, 50.0069, 13.0713



6.6381, 11.7267, 1.5090

Previews

White Background



This preview shows how the HunterLab color 68.3328, -39.6441, 10.5257 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 68.3328, -39.6441, 10.5257 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

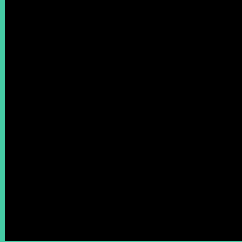
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

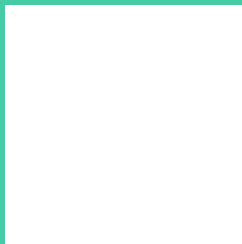
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.3328, -39.6441, 10.5257 Background



This preview shows how black text looks on a background with the HunterLab color 68.3328, -39.6441, 10.5257.



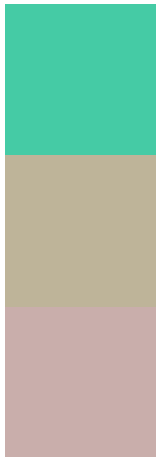
This preview shows how white text looks on a background with the HunterLab color 68.3328,

-39.6441, 10.5257.

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

68.3328, -39.6441, 10.5257

Protanopia

67.7418, -4.4361, 15.2876

Deuteranopia

67.5499, 4.8594, 7.8921



Tritanopia

68.0861, -25.4429, -12.7315

Trichromacy



Original Color

68.3328, -39.6441, 10.5257



Protanomaly

66.7171, -20.6437, 12.4021



Deuteranomaly

66.5844, -15.5976, 7.3319



Tritanomaly

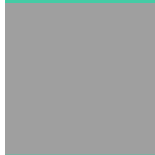
68.2501, -31.1597, -3.3417

Monochromacy



Original Color

68.3328, -39.6441, 10.5257



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.3749, -19.0875, 4.9119

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3328, -39.6441, 10.5257 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(69, 203, 165)` looks like.

```
.text, #text, p{  
    color:rgb(69, 203, 165)  
}
```

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(69, 203, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(69, 203, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3328, -39.6441, 10.5257 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(69, 203, 165) }
```


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

```
.border{ border-color:rgb(69, 203, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(69, 203, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(69, 203, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(69, 203, 165);  
box-shadow:4px 4px 4px 4px rgb(69, 203,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3328, -39.6441, 10.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(69, 203, 165) }
```

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

```
.background{ background-color: rgb(69, 203,  
165) }
```

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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