

Converting Colors

HunterLab(63.6152, -39.4205,
10.9509)

Have a look what the booklet for
HunterLab(63.6152, -39.4205,
10.9509) contains.

HunterLab(63.6951, -39.4739, 10.9062)	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(63.6951,
-39.4739, 10.9062)**

Conversions

Conversions Part 1

Format	Color
Hex	2FC098
RGB	47, 192, 152
RGB Percent	18%, 75%, 60%
CMY	0.8157, 0.2470, 0.4039
CMYK	0.76, 0.00, 0.21, 0.25
HSL	163°, 61%, 47%
HSV	163°, 76%, 75%
XYZ	25.6895, 40.5707, 36.1827
YIQ	144.0850, -73.5800, -43.1800

Conversions

Conversions Part 2

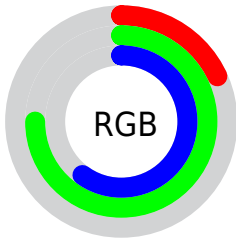
Format	Color
RYB	47, 131, 192
Decimal	3129496
CIELab	69.88, -46.87, 9.53
CIELCh	70, 47.828, 168.507
Yxy	40.5722, 0.2508, 0.3960
Android (android.graphics.Color)	4281319576 (0xFF2FC098)
YUV	144.0850, 3.9021, -85.1435
Hunter-Lab	63.6951, -39.4739, 10.9062

Details

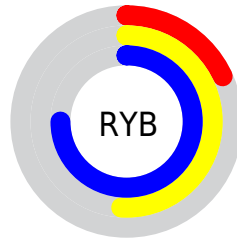
The HunterLab color **63.6951, -39.4739, 10.9062** is a dark color, and the websafe version is hex **33CC99**. The color can be described as dark muted spring green. A complement of this color would be **37.3212, 51.7540, 9.5758**, and the grayscale version is **52.8522, -2.8201, 2.8716**.

A 20% lighter version of the original color is **87.0933, -45.6607, 13.1156**, and **43.3946, -29.4811, 9.4017** is the 20% darker color. If you saturate the color by 10%, you get **63.2789, -41.4375, 12.5167**, and if you desaturate by 10%, it is **64.2734, -36.8763, 9.4108**.

Distribution



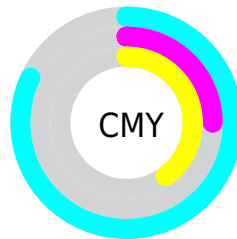
- Red (18%)
- Green (75%)
- Blue (60%)



- Red (18%)
- Yellow (51%)
- Blue (75%)



- Cyan (76%)
- Magenta (0%)
- Yellow (21%)
- Black (25%)



- Cyan (82%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6951, -39.4739, 10.9062 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 63.6951, -39.4739, 10.9062 by changing the saturation by 10% instead.

■ 63.6951, -39.4739,
10.9062

■ 63.6951, -39.4739,
10.9062

186.6895,
-65.1616, 21.1712

■ 52.9008, -36.1465,
9.8122

■ 87.1975, -45.7174,
13.1101

■ 42.7953, -32.6317,
8.7163

■ 99.8386, -48.6829,
14.2245

■ 33.4304, -28.8725,
7.6115

■ 113.0377,
-51.5679, 15.3497

■ 24.8702, -24.7823,
6.4858

■ 126.7720,
-54.3856, 16.4870

■ 17.1990, -20.2220,
5.3180

■ 141.0214,
-57.1461, 17.6372

■ 10.5351, -18.4364,
4.4249

155.7681,

0.0000, NaN, NaN

-59.8579, 18.8010

0.0000, NaN, NaN

170.9957,
-62.5278, 19.9789

0.0000, NaN, NaN

■ 63.6951, -39.4739,
10.9062

■ 63.6951, -39.4739,
10.9062

■ 63.2789, -41.4375,
12.5167

■ 64.2734, -36.8763,
9.4108

■ 63.0012, -42.8307,
14.2063

■ 65.0238, -33.6102,
8.0571

■ 62.9013, -43.3526,
14.9647

■ 65.9571, -29.6677,
6.8691

■ 67.0790, -25.0608,
5.8655

■ 68.3923, -19.8186,
5.0597

■ 69.8968, -13.9831,
4.4601

■ 71.5902, -7.6050,
4.0702

■ 73.4685, -0.7407,
3.8893

■ 75.5259, 6.5519,
3.9130

Harmonies

Analogous

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



63.6963, -31.8410, 24.6212



63.6951, -39.4739, 10.9062



63.6963, -38.4577, -10.5234

Triad

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



63.6963, -39.4744, 10.9068



63.6963, 10.4479, -47.0790



63.6963, 26.7952, 26.6762

Complementary

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



63.6951, -39.4739, 10.9062



37.3212, 51.7540, 9.5758

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.



63.6963, 41.3884, 14.8637



63.6951, -39.4739, 10.9062



63.6963, 31.1106, -28.9875

Square

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



63.6963, -39.4744, 10.9068



63.6963, -11.5355, -49.2494



63.6963, 43.0661, -4.9946



63.6963, 5.1611, 31.4604

Rectangle

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



63.6951, -39.4739, 10.9062



63.6963, -32.9800, -26.6683



63.6963, 43.0661, -4.9946



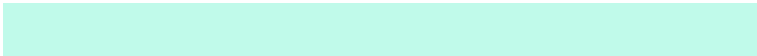
63.6963, 32.8049, 23.6225

Sweetspot

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



63.6963, -39.4744, 10.9068



92.4737, -25.0542, 6.6136



63.2337, -44.6139, 35.6610



42.5101, -12.8693, 3.2216



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.



63.6963, -39.4744, 10.9068



84.9000, -57.1523, 18.4186



54.5492, -19.0199, -20.9253



33.7335, -4.8165, 1.9958



51.6103, -35.4803, 12.0834



10.7797, -7.0589, 1.7645

Inverse Universe

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



37.3212, 51.7540, 9.5758



46.4304, 77.6527, 18.9341



41.1354, 36.5256, 22.1096



31.8159, 1.4631, 1.6533



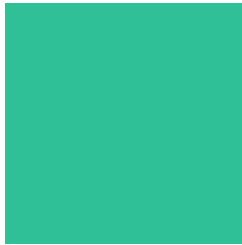
27.7939, 48.2609, 12.8207



5.8809, 10.4121, 1.1584

Previews

White Background



This preview shows how the HunterLab color 63.6951, -39.4739, 10.9062 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 63.6951, -39.4739, 10.9062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

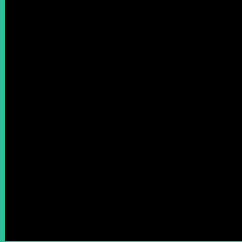
Any Text WCAG AA ✓ Pass

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 63.6951, -39.4739, 10.9062 Background



This preview shows how black text looks on a background with the HunterLab color 63.6951, -39.4739, 10.9062.



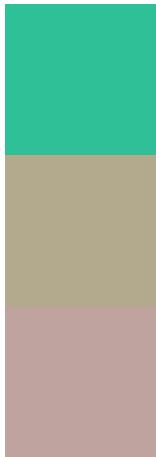
This preview shows how white text looks on a background with the HunterLab color 63.6951,

-39.4739, 10.9062.

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

63.6951, -39.4739, 10.9062

Protanopia

63.1293, -4.4100, 15.5207

Deuteranopia

62.9366, 4.7378, 8.3907



Tritanopia

63.4701, -25.2343, -12.3766

Trichromacy



Original Color

63.6951, -39.4739, 10.9062



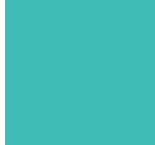
Protanomaly

61.8734, -21.3954, 12.4677



Deuteranomaly

61.7055, -16.5208, 7.5121



Tritanomaly

63.6202, -30.9663, -3.0901

Monochromacy



Original Color

63.6951, -39.4739, 10.9062



Achromatopsia

52.8104, -2.8178, 2.8693



Achromatomaly

55.5406, -19.0411, 4.4232

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6951, -39.4739, 10.9062 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(47, 192, 152)` looks like.

```
.text, #text, p{  
    color:rgb(47, 192, 152)  
}
```

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(47, 192, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(47, 192, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6951, -39.4739, 10.9062 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(47, 192, 152) }
```


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

```
.border{ border-color:rgb(47, 192, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(47, 192, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(47, 192, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(47, 192, 152);  
box-shadow:4px 4px 4px 4px rgb(47, 192,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6951, -39.4739, 10.9062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(47, 192, 152) }
```

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

```
.background{ background-color: rgb(47, 192,  
152) }
```

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