

# Converting Colors

HunterLab(63.2686, -39.2522,  
5.6538)

Have a look what the booklet for  
HunterLab(63.2686, -39.2522,  
5.6538) contains.

<b>HunterLab(63.1712, -39.2252, 5.7176)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(63.1712,  
-39.2252, 5.7176)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00BFA3
RGB	0, 191, 163
RGB Percent	0%, 75%, 64%
CMY	0.9999, 0.2510, 0.3608
CMYK	1.00, 0.00, 0.15, 0.25
HSL	171°, 100%, 37%
HSV	171°, 100%, 75%
XYZ	25.2417, 39.9060, 41.0226
YIQ	130.6990, -104.8480, -49.2000

# Conversions

## Conversions Part 2

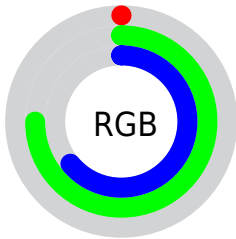
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 103, 191
Decimal	49059
CIELab	69.40, -46.73, 2.80
CIElCh	69, 46.809, 176.575
Yxy	39.9075, 0.2377, 0.3759
Android (android.graphics.Color)	4278239139 (0xFF00BFA3)
YUV	130.6990, 15.9244, -114.6230
Hunter-Lab	63.1712, -39.2252, 5.7176

# Details

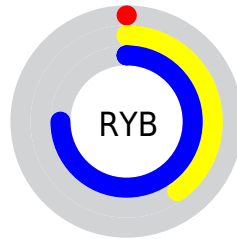
The HunterLab color **63.1712, -39.2252, 5.7176** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **33.4087, 57.4597, 19.6390**, and the grayscale version is **47.4956, -2.5342, 2.5805**.

A 20% lighter version of the original color is **86.5483, -45.2900, 7.0986**, and **43.3082, -27.6761, 5.6131** is the 20% darker color. If you saturate the color by 10%, you get **63.1721, -39.2269, 5.7199**, and if you desaturate by 10%, it is **63.3629, -38.2957, 4.7050**.

# Distribution



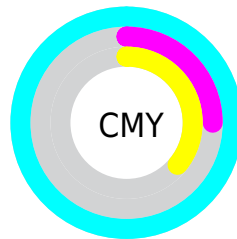
- Red (0%)
- Green (75%)
- Blue (64%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (15%)
- Black (25%)




- Cyan (100%)
- Magenta (25%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.1712, -39.2252, 5.7176 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 63.1712, -39.2252, 5.7176 by changing the saturation by 10% instead.





 63.1712, -39.2252,  
5.7176


 63.1712, -39.2252,  
5.7176


185.9392,  
-64.8800, 13.4203


 52.4085, -35.8990,  
4.9893


 86.6156, -45.4632,  
7.2565


 42.3366, -32.3841,  
4.2878


 99.2298, -48.4253,  
8.0645


 33.0081, -28.6226,  
3.6139


 112.4031,  
-51.3067, 8.8977

 24.4877, -24.5263,  
2.9673

 126.1126,  
-54.1205, 9.7554

 16.8610, -19.9531,  
2.3463

 140.3382,  
-56.8770, 10.6370

 10.2484, -17.9347,  
1.7472

155.0618,

0.0000, NaN, NaN

-59.5847, 11.5421

0.0000, NaN, NaN

170.2670,  
-62.2504, 12.4700

0.0000, NaN, NaN

■ 63.1712, -39.2252,  
5.7176

■ 63.1712, -39.2252,  
5.7176

■ 63.1721, -39.2269,  
5.7199

■ 63.3629, -38.2957,  
4.7050

■ 63.6625, -36.9291,  
3.8057

■ 64.1079, -34.9867,  
3.0712

■ 64.7156, -32.4192,  
2.5272

■ 65.4973, -29.2023,  
2.1928

■ 66.4607, -25.3333,  
2.0809

■ 67.6105, -20.8275,  
2.1986

■ 68.9485, -15.7147,  
2.5477

■ 70.4740, -10.0363,  
3.1249

# Harmonies

## Analogous

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



63.1724, -34.0043, 21.3302



63.1712, -39.2252, 5.7176



63.1724, -35.9393, -16.5529

# Triad

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



63.1724, -39.2255, 5.7183



63.1724, 15.9772, -42.1723



63.1724, 20.7618, 28.0486

# Complementary

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



63.1712, -39.2252, 5.7176



33.4087, 57.4597, 19.6390

# 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.



63.1724, 37.5080, 18.4811



63.1712, -39.2252, 5.7176



63.1724, 34.4989, -21.9561

# Square

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



63.1724, -39.2255, 5.7183



63.1724, -5.7981, -49.0083



63.1724, 42.8381, 1.0707



63.1724, -0.9130, 31.2458



# Rectangle

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



63.1712, -39.2252, 5.7176



63.1724, -29.0940, -31.8323



63.1724, 42.8381, 1.0707



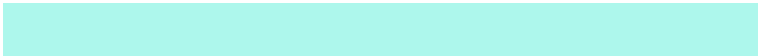
63.1724, 27.2590, 25.6661

# Sweetspot

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



63.1724, -39.2255, 5.7183



90.3991, -28.1880, 2.9274



61.2532, -51.4479, 36.8424



42.0418, -14.4550, 1.3256



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.



63.1724, -39.2255, 5.7183



84.5240, -52.5975, 7.8951



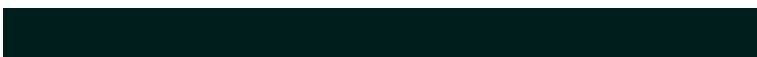
42.6826, -5.1359, -42.2601



32.8403, -4.4927, 1.4747



51.2199, -31.7448, 4.5074



10.1700, -6.0850, 0.4240



# Inverse Universe

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



33.4087, 57.4597, 19.6390



44.6843, 76.8120, 26.6358



38.8276, 40.0240, 24.6247



30.9169, 1.2385, 2.0676



27.0958, 46.6334, 15.7180

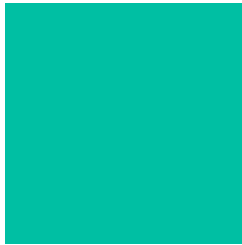


5.4311, 9.4819, 2.1061



# Previews

## White Background



This preview shows how the HunterLab color 63.1712, -39.2252, 5.7176 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 63.1712, -39.2252, 5.7176 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

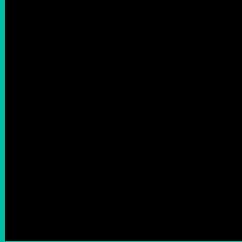
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

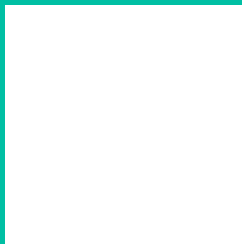
Any Text WCAG AAA ✓ Pass

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

## HunterLab 63.1712, -39.2252, 5.7176 Background



This preview shows how black text looks on a background with the HunterLab color 63.1712, -39.2252, 5.7176.



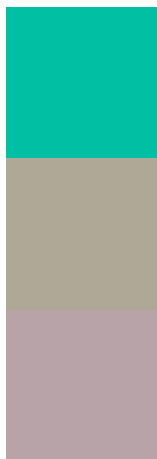
This preview shows how white text looks on a background with the HunterLab color 63.1712, -39.2252, 5.7176.

-39.2252, 5.7176.

# 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

63.1712, -39.2252, 5.7176

### Protanopia

62.7324, -3.7395, 10.9185

### Deuteranopia

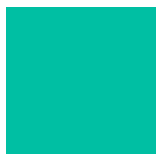
62.6493, 4.4051, 3.1579



## Tritanopia

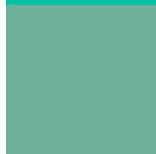
63.3180, -27.4465, -13.2072

# Trichromacy



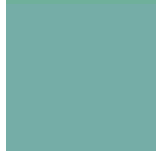
## Original Color

63.1712, -39.2252, 5.7176



## Protanomaly

60.6603, -23.7703, 6.6526



## Deuteranomaly

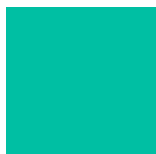
60.3813, -19.1842, 0.9724



## Tritanomaly

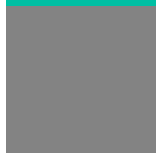
63.1620, -32.4986, -5.7805

# Monochromacy



## Original Color

63.1712, -39.2252, 5.7176



## Achromatopsia

47.6409, -2.5420, 2.5884



## Achromatomaly

51.5797, -21.3403, 1.5384

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 63.1712, -39.2252, 5.7176 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(0, 191, 163)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 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(0, 191, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 163) }
```

## Border

The CSS property to change the border of an element to HunterLab 63.1712, -39.2252, 5.7176 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(0, 191, 163) }
```



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

```
.border{ border-color:rgb(0, 191, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 163);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
163) }
```

# Background

The CSS property to change the background color of an element to HunterLab 63.1712, -39.2252, 5.7176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 163) }
```

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

```
.background{ background-color: rgb(0, 191,  
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](#).

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