

# Converting Colors

HunterLab(66.8553, -39.3973,  
8.3823)

Have a look what the booklet for  
HunterLab(66.8553, -39.3973,  
8.3823) contains.

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# Color

**HunterLab(66.9880,  
-39.6536, 8.6529)**

# Conversions

## Conversions Part 1

Format	Color
Hex	37C8A6
RGB	55, 200, 166
RGB Percent	22%, 78%, 65%
CMY	0.7843, 0.2157, 0.3490
CMYK	0.72, 0.00, 0.17, 0.22
HSL	166°, 57%, 50%
HSV	166°, 72%, 78%
XYZ	29.1127, 44.8739, 43.2035
YIQ	152.7690, -75.5060, -41.3140

# Conversions

## Conversions Part 2

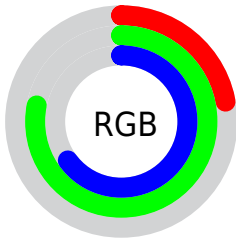
<b>Format</b>	<b>Color</b>
<b>RYB</b>	55, 137, 200
Decimal	3655846
CIELab	72.81, -45.75, 6.15
CIElCh	73, 46.166, 172.340
Yxy	44.8757, 0.2484, 0.3829
Android (android.graphics.Color)	4281845926 (0xFF37C8A6)
YUV	152.7690, 6.5229, -85.7434
Hunter-Lab	66.9880, -39.6536, 8.6529

# Details

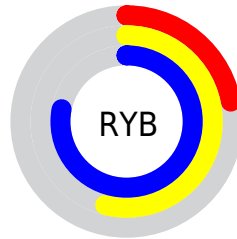
The HunterLab color **66.9880, -39.6536, 8.6529** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **39.6663, 52.0412, 11.2238**, and the grayscale version is **56.3442, -3.0064, 3.0613**.

A 20% lighter version of the original color is **89.9322, -44.5693, 9.5368**, and **46.3311, -30.3676, 7.6450** is the 20% darker color. If you saturate the color by 10%, you get **66.5219, -41.7931, 10.0778**, and if you desaturate by 10%, it is **67.6274, -36.8454, 7.3835**.

# Distribution



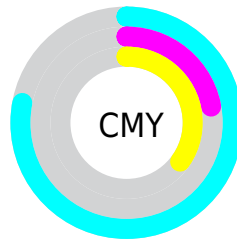
- Red (22%)
- Green (78%)
- Blue (65%)



- Red (22%)
- Yellow (54%)
- Blue (78%)



- Cyan (72%)
- Magenta (0%)
- Yellow (17%)
- Black (22%)



- Cyan (78%)
- Magenta (22%)
- Yellow (35%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 66.9880, -39.6536, 8.6529 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 66.9880, -39.6536, 8.6529 by changing the saturation by 10% instead.



66.9880, -39.6536,  
8.6529

66.9880, -39.6536,  
8.6529

191.3818,  
-64.6832, 17.6690

55.9996, -36.4425,  
7.7408

90.8481, -45.7038,  
10.5291

45.6867, -33.0629,  
6.8424

103.6555,  
-48.5867, 11.4935

36.0985, -29.4654,  
5.9555

117.0138,  
-51.3962, 12.4763

27.2945, -25.5760,  
5.0753

130.9013,  
-54.1441, 13.4776

19.3521, -21.2771,  
4.1929

145.2985,  
-56.8397, 14.4976

12.3773, -18.3295,  
3.2907

160.1879,

5.5774, -9.7605,

-59.4908, 15.5362

3.9042

175.5537,  
-62.1035, 16.5934

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 66.9880, -39.6536,  
8.6529

■ 66.9880, -39.6536,  
8.6529

■ 66.5219, -41.7931,  
10.0778

■ 67.6274, -36.8454,  
7.3835

■ 66.2065, -43.3209,  
11.6234

■ 68.4496, -33.3384,  
6.2940


■ 66.0404, -44.1785,  
12.8239


■ 69.4648, -29.1288,  
5.4060


■ 70.6783, -24.2326,  
4.7347


■ 72.0924, -18.6827,

4.2896

 73.7064, -12.5243,  
4.0749

 75.5175, -5.8114,  
4.0901

 77.5211, 1.3974,  
4.3302

 79.7109, 9.0420,  
4.7873

# Harmonies

## Analogous

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



66.9893, -33.1216, 23.4133



66.9880, -39.6536, 8.6529



66.9893, -37.5268, -12.9908

# Triad

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



66.9893, -39.6541, 8.6536



66.9893, 12.7792, -43.5615



66.9893, 23.4419, 27.8097

# Complementary

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



66.9880, -39.6536, 8.6529



39.6663, 52.0412, 11.2238

# 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.



66.9893, 38.8560, 16.8758



66.9880, -39.6536, 8.6529



66.9893, 32.1815, -24.9253

# Square

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



66.9893, -39.6541, 8.6536



66.9893, -8.9714, -47.8587



66.9893, 42.2401, -1.7799



66.9893, 1.9916, 31.9834



# Rectangle

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



66.9880, -39.6536, 8.6529



66.9893, -31.3433, -28.4117



66.9893, 42.2401, -1.7799



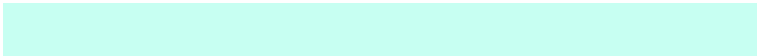
66.9893, 29.6062, 25.0044

# Sweetspot

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



66.9893, -39.6541, 8.6536



94.8946, -24.4419, 5.6364



66.1990, -46.5926, 36.7380



43.6530, -12.2773, 2.6675

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



66.9893, -39.6541, 8.6536



87.2677, -56.2382, 14.4132



56.0764, -17.8129, -23.5350



34.6747, -4.8977, 1.8937



52.6729, -35.1437, 10.0286



11.5080, -7.3658, 1.5167



# Inverse Universe

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



39.6663, 52.0412, 11.2238



47.9736, 77.6574, 20.2543



44.8125, 34.1968, 23.4288



32.6757, 1.4554, 1.8556



28.1946, 48.7866, 14.3231

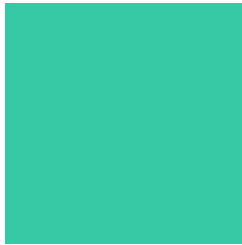


6.2293, 10.9623, 1.7422



# Previews

## White Background



This preview shows how the HunterLab color 66.9880, -39.6536, 8.6529 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 66.9880, -39.6536, 8.6529 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

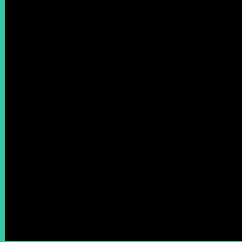
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

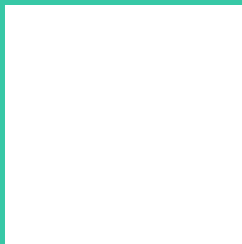
Any Text WCAG AAA ✓ Pass

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

# HunterLab 66.9880, -39.6536, 8.6529 Background



This preview shows how black text looks on a background with the HunterLab color 66.9880, -39.6536, 8.6529.



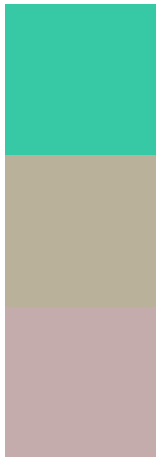
This preview shows how white text looks on a background with the HunterLab color 66.9880,

-39.6536, 8.6529.

# 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

66.9880, -39.6536, 8.6529

### Protanopia

66.4955, -4.1472, 13.6425

### Deuteranopia

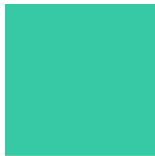
66.2119, 4.8357, 5.9346



## Tritanopia

66.9436, -26.5324, -13.2159

# Trichromacy



## Original Color

66.9880, -39.6536, 8.6529



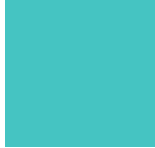
## Protanomaly

65.2456, -21.1571, 10.4385



## Deuteranomaly

65.0983, -16.1402, 5.1937



## Tritanomaly

66.8133, -31.6134, -4.6753

# Monochromacy



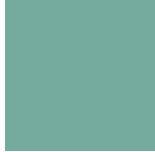
## Original Color

66.9880, -39.6536, 8.6529



## Achromatopsia

56.4399, -3.0115, 3.0665



## Achromatomaly

59.1608, -19.4046, 3.6965

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 66.9880, -39.6536, 8.6529 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(55, 200, 166)` looks like.

```
.text, #text, p{  
    color:rgb(55, 200, 166)  
}
```

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(55, 200, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 200, 166) }
```

## Border

The CSS property to change the border of an element to HunterLab 66.9880, -39.6536, 8.6529 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(55, 200, 166) }
```



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

```
.border{ border-color:rgb(55, 200, 166) }
```

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

Here you see how a box with a 4 pixel rgb(55, 200, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(55, 200, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(55, 200, 166);  
box-shadow:4px 4px 4px 4px rgb(55, 200,  
166) }
```

# Background

The CSS property to change the background color of an element to HunterLab 66.9880, -39.6536, 8.6529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 200, 166) }
```

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

```
.background{ background-color: rgb(55, 200,  
166) }
```

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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