

# Converting Colors

HunterLab(69.7651, -37.1511,  
9.0709)

Have a look what the booklet for  
HunterLab(69.7651, -37.1511,  
9.0709) contains.

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# Color

**HunterLab(69.7621,  
-37.1139, 9.1664)**

# Conversions

## Conversions Part 1

Format	Color
Hex	57CDAC
RGB	87, 205, 172
RGB Percent	34%, 80%, 67%
CMY	0.6588, 0.1961, 0.3255
CMYK	0.58, 0.00, 0.16, 0.20
HSL	163°, 54%, 57%
HSV	163°, 58%, 80%
XYZ	33.2082, 48.6675, 46.6733
YIQ	165.9560, -59.7350, -35.2790

# Conversions

## Conversions Part 2

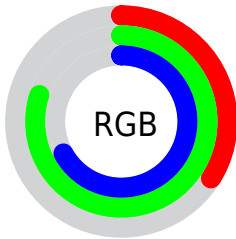
<b>Format</b>	<b>Color</b>
<b>RYB</b>	87, 156, 205
Decimal	5754284
CIELab	75.25, -41.13, 6.52
CIELCh	75, 41.648, 170.995
Yxy	48.6694, 0.2583, 0.3786
Android (android.graphics.Color)	4283944364 (0xFF57CDAC)
YUV	165.9560, 2.9797, -69.2444
Hunter-Lab	69.7621, -37.1139, 9.1664

# Details

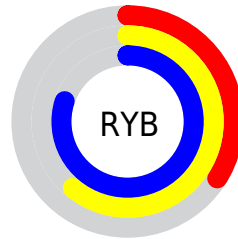
The HunterLab color **69.7621, -37.1139, 9.1664** is a light color, and the websafe version is hex **66CC99**. The color can be described as light muted spring green. A complement of this color would be **45.9923, 43.6186, 6.1945**, and the grayscale version is **61.7407, -3.2943, 3.3545**.

A 20% lighter version of the original color is **91.2014, -39.2751, 8.2656**, and **48.1473, -31.1626, 7.2410** is the 20% darker color. If you saturate the color by 10%, you get **68.9951, -40.4867, 10.6929**, and if you desaturate by 10%, it is **70.7285, -33.0070, 7.8138**.

# Distribution



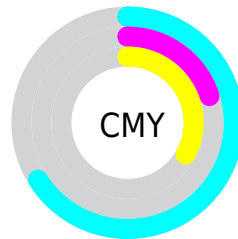
- Red (34%)
- Green (80%)
- Blue (67%)



- Red (34%)
- Yellow (61%)
- Blue (80%)



- Cyan (58%)
- Magenta (0%)
- Yellow (16%)
- Black (20%)



- Cyan (66%)
- Magenta (20%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7621, -37.1139, 9.1664 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 69.7621, -37.1139, 9.1664 by changing the saturation by 10% instead.



■ 69.7621, -37.1139,  
9.1664

■ 69.7621, -37.1139,  
9.1664

195.3048,  
-60.0642, 18.3580

■ 58.6151, -34.2187,  
8.2314

■ 93.9150, -42.6046,  
11.0861

■ 48.1334, -31.1871,  
7.3092

■ 106.8587,  
-45.2353, 12.0711

■ 38.3638, -27.9800,  
6.3977

■ 120.3478,  
-47.8072, 13.0738

■ 29.3625, -24.5382,  
5.4920

■ 134.3611,  
-50.3299, 14.0944

■ 21.2018, -20.7692,  
4.5836

148.8797,  
-52.8111, 15.1332

■ 13.9794, -16.8028,  
3.6566

163.8865,

■ 7.6202, -13.3354,

-55.2572, 16.1901

3.9608

179.3662,  
-57.6734, 17.2650

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7621, -37.1139,  
9.1664

■ 69.7621, -37.1139,  
9.1664

■ 68.9951, -40.4867,  
10.6929

■ 70.7285, -33.0070,  
7.8138

■ 68.4121, -43.1386,  
12.3639

■ 71.8974, -28.1730,  
6.6544

■ 67.9981, -45.1131,  
14.1475

■ 73.2737, -22.6405,  
5.7052

■ 67.7265, -46.5034,  
16.0019


■ 74.8580, -16.4528,  
4.9768


■ 67.6698, -46.8022,


■ 76.6482, -9.6638,


16.4512

4.4745

 78.6402, -2.3341,  
4.1987

 80.8280, 5.4731,  
4.1457

 83.2046, 13.6948,  
4.3084

 83.8360, 16.1101,  
2.2672

# Harmonies

## Analogous

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



69.7635, -30.6067, 22.7670



69.7621, -37.1139, 9.1664



69.7635, -35.4743, -10.2718

# Triad

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



69.7635, -37.1145, 9.1672



69.7635, 10.2631, -38.5298



69.7635, 21.5515, 26.2667

# Complementary

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



69.7621, -37.1139, 9.1664



45.9923, 43.6186, 6.1945

# 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.



69.7635, 34.9631, 15.4356



69.7621, -37.1139, 9.1664



69.7635, 27.9632, -22.6741

# Square

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



69.7635, -37.1145, 9.1672



69.7635, -9.5145, -41.5722



69.7635, 37.4304, -2.0363



69.7635, 2.2573, 30.6929



# Rectangle

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



69.7621, -37.1139, 9.1664



69.7635, -29.8980, -23.9770



69.7635, 37.4304, -2.0363



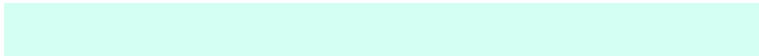
69.7635, 26.9822, 23.4222

# Sweetspot

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



69.7635, -37.1145, 9.1672



95.8794, -20.7704, 6.3426



69.5536, -41.2396, 34.4496



44.1566, -10.3872, 3.0104

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



69.7635, -37.1145, 9.1672



88.1082, -52.6831, 14.1655



62.3298, -19.8453, -16.8831



35.5970, -5.1085, 2.1224



53.4069, -36.8299, 12.7513



12.1819, -8.0513, 2.1541



# Inverse Universe

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



45.9923, 43.6186, 6.1945



53.3147, 67.2481, 11.2190



50.3810, 27.8864, 20.9205



33.5625, 1.5722, 1.7289



28.7751, 49.9736, 13.2039

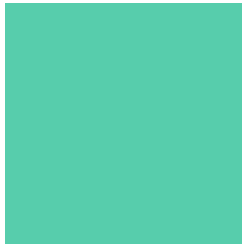


6.6355, 11.7172, 1.5463



# Previews

## White Background



This preview shows how the HunterLab color 69.7621, -37.1139, 9.1664 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

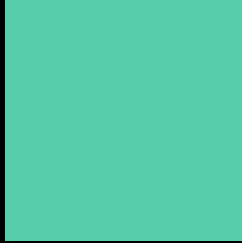
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 69.7621, -37.1139, 9.1664 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

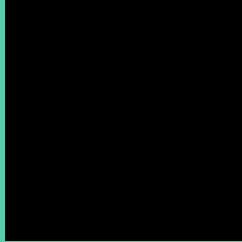
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

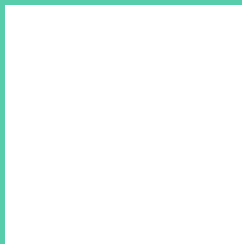
Any Text WCAG AAA ✓ Pass

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

## HunterLab 69.7621, -37.1139, 9.1664 Background



This preview shows how black text looks on a background with the HunterLab color 69.7621, -37.1139, 9.1664.



This preview shows how white text looks on a background with the HunterLab color 69.7621, -37.1139, 9.1664.

-37.1139, 9.1664.

# 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

69.7621, -37.1139, 9.1664

### Protanopia

69.1214, -3.8271, 13.6029

### Deuteranopia

69.2044, 4.9128, 6.6441



## Tritanopia

69.6979, -24.2193, -12.1662

# Trichromacy



## Original Color

69.7621, -37.1139, 9.1664



## Protanomaly

68.4458, -18.7271, 11.0125



## Deuteranomaly

68.3214, -13.7039, 6.2147



## Tritanomaly

69.5976, -29.1438, -3.6550

# Monochromacy



## Original Color

69.7621, -37.1139, 9.1664



## Achromatopsia

61.7516, -3.2949, 3.3551



## Achromatomaly

63.8655, -17.5595, 4.6545

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 69.7621, -37.1139, 9.1664 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(87, 205, 172)` looks like.

```
.text, #text, p{  
    color:rgb(87, 205, 172)  
}
```

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(87, 205, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(87, 205, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 69.7621, -37.1139, 9.1664 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(87, 205, 172) }
```



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

```
.border{ border-color:rgb(87, 205, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(87, 205, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(87, 205, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(87, 205, 172);  
box-shadow:4px 4px 4px 4px rgb(87, 205,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 69.7621, -37.1139, 9.1664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(87, 205, 172) }
```

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

```
.background{ background-color: rgb(87, 205,  
172) }
```

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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