

Converting Colors

HunterLab(67.8464, -38.0981,
10.4471)

Have a look what the booklet for
HunterLab(67.8464, -38.0981,
10.4471) contains.

HunterLab(67.8464, -38.0981, 10.4471)	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(67.8464,
-38.0981, 10.4471)**

Conversions

Conversions Part 1

Format	Color
Hex	4DC9A4
RGB	77, 201, 164
RGB Percent	30%, 79%, 64%
CMY	0.6980, 0.2118, 0.3569
CMYK	0.62, 0.00, 0.18, 0.21
HSL	162°, 53%, 55%
HSV	162°, 62%, 79%
XYZ	30.6480, 46.0313, 42.3916
YIQ	159.7060, -62.0270, -37.7950

Conversions

Conversions Part 2

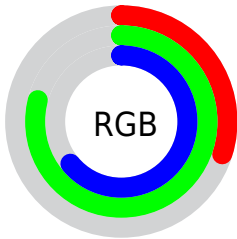
Format	Color
RYB	77, 150, 201
Decimal	5097892
CIELab	73.57, -43.19, 8.39
CIELCh	74, 44.000, 169.014
Yxy	46.0332, 0.2574, 0.3866
Android (android.graphics.Color)	4283287972 (0xFF4DC9A4)
YUV	159.7060, 2.1169, -72.5332
Hunter-Lab	67.8464, -38.0981, 10.4471

Details

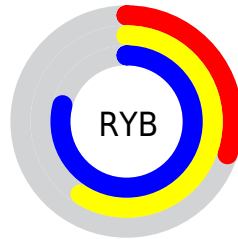
The HunterLab color **67.8464, -38.0981, 10.4471** is a dark color, and the websafe version is hex **66CC99**. The color can be described as middle muted spring green. A complement of this color would be **43.5215, 45.9774, 5.9331**, and the grayscale version is **59.1811, -3.1578, 3.2154**.

A 20% lighter version of the original color is **90.5278, -42.3599, 11.1488**, and **46.6129, -31.0109, 8.6815** is the 20% darker color. If you saturate the color by 10%, you get **67.1644, -41.1537, 12.1092**, and if you desaturate by 10%, it is **68.7199, -34.3242, 8.9325**.

Distribution



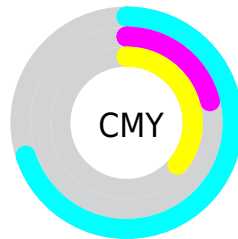
- Red (30%)
- Green (79%)
- Blue (64%)



- Red (30%)
- Yellow (59%)
- Blue (79%)



- Cyan (62%)
- Magenta (0%)
- Yellow (18%)
- Black (21%)





- Cyan (70%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 67.8464, -38.0981, 10.4471 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 67.8464, -38.0981, 10.4471 by changing the saturation by 10% instead.


 67.8464, -38.0981,
10.4471


 67.8464, -38.0981,
10.4471


192.5985,
-61.9968, 20.3153


 56.8084, -35.0561,
9.4146


 91.7979, -43.8467,
12.5433


 46.4428, -31.8617,
8.3869


 104.6478,
-46.5929, 13.6094

 36.7978, -28.4703,
7.3596


 118.0470,
-49.2733, 14.6892

 27.9320, -24.8148,
6.3246


 131.9737,
-51.8985, 15.7837

 19.9211, -20.7889,
5.2677

146.4087,
-54.4770, 16.8932

 12.8684, -17.3441,
4.1626

161.3347,

 6.2841, -10.9971,

-57.0159, 18.0181

4.3988

176.7361,
-59.5209, 19.1588

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.8464, -38.0981,
10.4471

■ 67.8464, -38.0981,
10.4471

■ 67.1644, -41.1537,
12.1092

■ 68.7199, -34.3242,
8.9325

■ 66.6571, -43.5135,
13.8872

■ 69.7893, -29.8308,
7.5877

■ 66.3075, -45.2325,
15.7476


■ 71.0607, -24.6398,
6.4326

■ 66.1049, -46.2955,
17.3134


■ 72.5357, -18.7888,
5.4813


■ 74.2132, -12.3275,

4.7423

 76.0899, -5.3137,
4.2194

 78.1605, 2.1908,
3.9119

 80.4184, 10.1237,
3.8153

 82.5203, 17.3469,
3.5033

Harmonies

Analogous

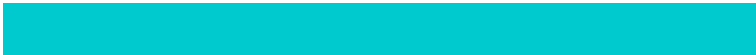
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.8477, -30.8509, 23.9461



67.8464, -38.0981, 10.4471



67.8477, -36.9687, -9.6719

Triad

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



67.8477, -38.0987, 10.4478



67.8477, 9.6807, -42.0958



67.8477, 24.1678, 26.3124

Complementary

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



67.8464, -38.0981, 10.4471



43.5215, 45.9774, 5.9331

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.



67.8477, 37.7402, 14.7936



67.8464, -38.0981, 10.4471



67.8477, 28.7153, -25.7378

Square

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



67.8477, -38.0987, 10.4478



67.8477, -10.9627, -44.2994



67.8477, 39.4965, -3.8364



67.8477, 4.0409, 31.1251

Rectangle

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



67.8464, -38.0981, 10.4471



67.8477, -31.5765, -24.3556



67.8477, 39.4965, -3.8364



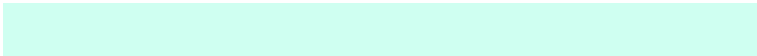
67.8477, 29.7450, 23.2871

Sweetspot

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



67.8477, -38.0987, 10.4478



95.4171, -22.6052, 6.9118



67.7508, -41.6505, 34.8737



43.8640, -11.5510, 3.3426

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.8477, -38.0987, 10.4478



87.6344, -54.9792, 16.6078



60.7664, -20.6577, -16.8354



34.6577, -4.9926, 2.1371



52.4326, -36.6111, 13.4967



11.4632, -7.6376, 2.1592

Inverse Universe

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



43.5215, 45.9774, 5.9331



51.5867, 71.5099, 11.6497



47.3477, 30.8446, 20.9225



32.6928, 1.5471, 1.6126



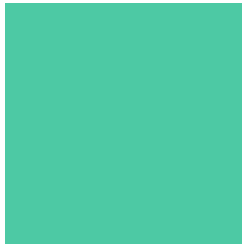
28.3317, 49.2927, 12.3094



6.2694, 11.1093, 1.1622

Previews

White Background



This preview shows how the HunterLab color 67.8464, -38.0981, 10.4471 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 67.8464, -38.0981, 10.4471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

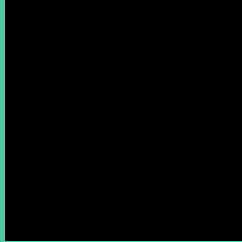
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

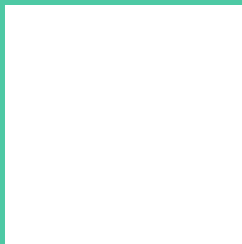
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.8464, -38.0981, 10.4471 Background



This preview shows how black text looks on a background with the HunterLab color 67.8464, -38.0981, 10.4471.



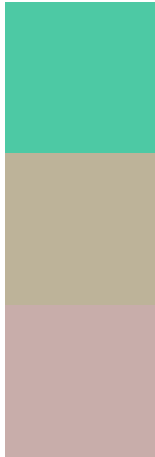
This preview shows how white text looks on a background with the HunterLab color 67.8464,

-38.0981, 10.4471.

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

67.8464, -38.0981, 10.4471

Protanopia

67.3490, -4.2761, 14.8945

Deuteranopia

67.1333, 4.8754, 7.8655



Tritanopia

67.8698, -24.7113, -11.8765

Trichromacy



Original Color

67.8464, -38.0981, 10.4471



Protanomaly

66.5364, -19.6751, 12.2306



Deuteranomaly

66.0777, -14.2838, 7.2264



Tritanomaly

67.7181, -29.8964, -2.9686

Monochromacy



Original Color

67.8464, -38.0981, 10.4471



Achromatopsia

59.2902, -3.1636, 3.2213



Achromatomaly

61.6271, -18.1474, 5.2171

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.8464, -38.0981, 10.4471 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(77, 201, 164)` looks like.

```
.text, #text, p{  
    color:rgb(77, 201, 164)  
}
```

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(77, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(77, 201, 164) }
```

Border

The CSS property to change the border of an element to HunterLab 67.8464, -38.0981, 10.4471 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(77, 201, 164) }
```


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

```
.border{ border-color:rgb(77, 201, 164) }
```

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

Here you see how a box with a 4 pixel rgb(77, 201, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(77, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(77, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(77, 201,  
164) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.8464, -38.0981, 10.4471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(77, 201, 164) }
```

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

```
.background{ background-color: rgb(77, 201,  
164) }
```

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