

Converting Colors

HunterLab(62.4394, -37.9872,
3.9598)

Have a look what the booklet for
HunterLab(62.4394, -37.9872,
3.9598) contains.

HunterLab(62.5394, -38.1201, 4.1214)	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(62.5394,
-38.1201, 4.1214)**

Conversions

Conversions Part 1

Format	Color
Hex	00BDA5
RGB	0, 189, 165
RGB Percent	0%, 74%, 65%
CMY	0.9999, 0.2588, 0.3529
CMYK	1.00, 0.00, 0.13, 0.26
HSL	172°, 100%, 37%
HSV	172°, 100%, 74%
XYZ	24.9891, 39.1118, 41.8295
YIQ	129.7530, -104.9400, -47.5320

Conversions

Conversions Part 2

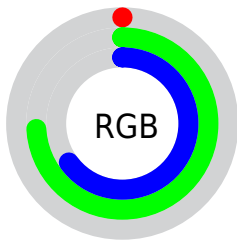
Format	Color
RYB	0, 101, 189
Decimal	48549
CIELab	68.83, -45.34, 0.87
CIELCh	69, 45.352, 178.898
Yxy	39.1133, 0.2359, 0.3692
Android (android.graphics.Color)	4278238629 (0xFF00BDA5)
YUV	129.7530, 17.3768, -113.7934
Hunter-Lab	62.5394, -38.1201, 4.1214

Details

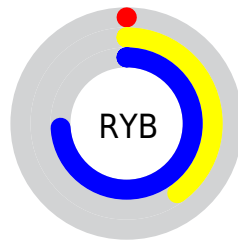
The HunterLab color **62.5394, -38.1201, 4.1214** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **32.9937, 56.6984, 19.7675**, and the grayscale version is **47.1170, -2.5140, 2.5600**.

A 20% lighter version of the original color is **85.8670, -44.2080, 5.3840**, and **43.0351, -27.0122, 4.5214** is the 20% darker color. If you saturate the color by 10%, you get **62.5404, -38.1215, 4.1233**, and if you desaturate by 10%, it is **62.7208, -37.2536, 3.2523**.

Distribution



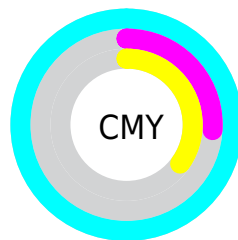
- Red (0%)
- Green (74%)
- Blue (65%)



- Red (0%)
- Yellow (40%)
- Blue (74%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.5394, -38.1201, 4.1214 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 62.5394, -38.1201, 4.1214 by changing the saturation by 10% instead.

62.5394, -38.1201,
4.1214

62.5394, -38.1201,
4.1214

185.0329,
-63.2076, 11.1056

51.8149, -34.8732,
3.4941

85.9135, -44.2122,
5.4754

41.7839, -31.4427,
2.9008

98.4950, -47.1066,
6.1979

32.4997, -27.7715,
2.3443

111.6370,
-49.9233, 6.9492

24.0277, -23.7722,
1.8270

125.3165,
-52.6750, 7.7283

16.4552, -19.3027,
1.3518

139.5132,
-55.3718, 8.5344

9.9052, -17.3341,
0.9220

154.2088,

0.0000, NaN, NaN

-58.0218, 9.3664

0.0000, NaN, NaN

169.3870,
-60.6319, 10.2237

0.0000, NaN, NaN

■ 62.5394, -38.1201,
4.1214

■ 62.5394, -38.1201,
4.1214

■ 62.5404, -38.1215,
4.1233

■ 62.7208, -37.2536,
3.2523

■ 63.0079, -35.9601,
2.5017

■ 63.4387, -34.1014,
1.9208

■ 64.0291, -31.6283,
1.5340

■ 64.7909, -28.5163,
1.3593

■ 65.7318, -24.7616,
1.4082

■ 66.8564, -20.3785,
1.6863

■ 68.1667, -15.3956,
2.1940

■ 69.6619, -9.8528,
2.9271

Harmonies

Analogous

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



62.5406, -33.6820, 19.8628



62.5394, -38.1201, 4.1214



62.5406, -34.2868, -17.6001

Triad

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



62.5406, -38.1204, 4.1221



62.5406, 16.9047, -39.2081



62.5406, 18.3877, 27.7795

Complementary

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



62.5394, -38.1201, 4.1214



32.9937, 56.6984, 19.7675

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.



62.5406, 35.1121, 18.9697



62.5394, -38.1201, 4.1214



62.5406, 34.1812, -19.2688

Square

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



62.5406, -38.1204, 4.1221



62.5406, -4.0977, -46.9881



62.5406, 41.2291, 2.6778



62.5406, -2.5794, 30.5156

Rectangle

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



62.5394, -38.1201, 4.1214



62.5406, -27.2356, -32.0230



62.5406, 41.2291, 2.6778



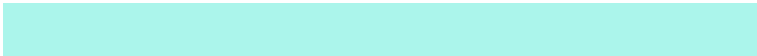
62.5406, 24.7872, 25.6070

Sweetspot

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



62.5406, -38.1204, 4.1221



89.3912, -27.5807, 2.2310



60.5029, -50.9909, 36.3882



41.1475, -13.9755, 0.9474



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



62.5406, -38.1204, 4.1221



83.6804, -51.1067, 5.7314



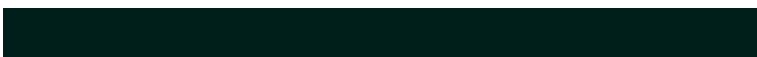
41.2772, -3.6161, -43.7844



32.8453, -4.4649, 1.4035



51.3063, -31.2230, 3.2730



10.1834, -6.0044, 0.2334

Inverse Universe

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



32.9937, 56.6984, 19.7675



44.1315, 75.8019, 26.7706



38.8776, 38.1840, 24.6235



30.9121, 1.2124, 2.1367



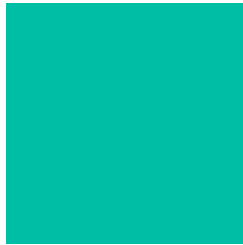
27.0740, 46.5527, 16.0404



5.4190, 9.4373, 2.2833

Previews

White Background



This preview shows how the HunterLab color 62.5394, -38.1201, 4.1214 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 62.5394, -38.1201, 4.1214 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

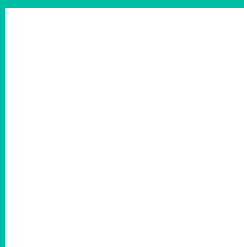
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.5394, -38.1201, 4.1214 Background



This preview shows how black text looks on a background with the HunterLab color 62.5394, -38.1201, 4.1214.



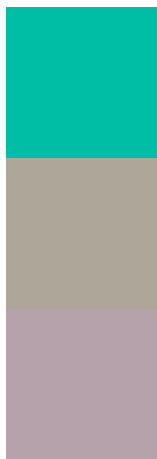
This preview shows how white text looks on a background with the HunterLab color 62.5394,

-38.1201, 4.1214.

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

62.5394, -38.1201, 4.1214

Protanopia

62.0134, -3.1172, 9.3443

Deuteranopia

62.1327, 4.2500, 1.5949



Tritanopia

62.5366, -27.1930, -13.1690

Trichromacy



Original Color

62.5394, -38.1201, 4.1214



Protanomaly

60.0178, -22.7902, 5.0723



Deuteranomaly

60.0120, -18.8104, -0.4347



Tritanomaly

62.4602, -31.7892, -6.6964

Monochromacy



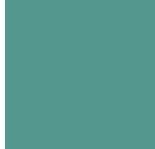
Original Color

62.5394, -38.1201, 4.1214



Achromatopsia

47.2470, -2.5210, 2.5670



Achromatomaly

50.9464, -20.5128, 0.7914

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.5394, -38.1201, 4.1214 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, 189, 165)` looks like.

```
.text, #text, p{  
    color:rgb(0, 189, 165)  
}
```

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, 189, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 189, 165) }
```

Border

The CSS property to change the border of an element to HunterLab 62.5394, -38.1201, 4.1214 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, 189, 165) }
```


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

```
.border{ border-color:rgb(0, 189, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 189, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 189, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 189, 165);  
box-shadow:4px 4px 4px 4px rgb(0, 189,  
165) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.5394, -38.1201, 4.1214 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 189, 165) }
```

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

```
.background{ background-color: rgb(0, 189,  
165) }
```

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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