

Converting Colors

HunterLab(62.0697, -38.3140,
5.1271)

Have a look what the booklet for
HunterLab(62.0697, -38.3140,
5.1271) contains.

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Color

**HunterLab(62.1088,
-38.2640, 4.9703)**

Conversions

Conversions Part 1

Format	Color
Hex	00BCA2
RGB	0, 188, 162
RGB Percent	0%, 74%, 64%
CMY	0.9999, 0.2627, 0.3647
CMYK	1.00, 0.00, 0.14, 0.26
HSL	172°, 100%, 37%
HSV	172°, 100%, 74%
XYZ	24.5048, 38.5750, 40.3365
YIQ	128.8240, -103.7020, -47.9420

Conversions

Conversions Part 2

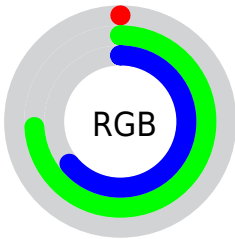
Format	Color
RYB	0, 101, 188
Decimal	48290
CIELab	68.44, -45.75, 1.95
CIELCh	68, 45.787, 177.558
Yxy	38.5765, 0.2370, 0.3730
Android (android.graphics.Color)	4278238370 (0xFF00BCA2)
YUV	128.8240, 16.3558, -112.9786
Hunter-Lab	62.1088, -38.2640, 4.9703

Details

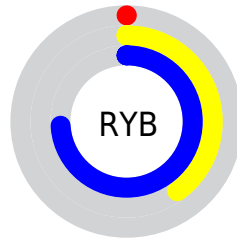
The HunterLab color **62.1088, -38.2640, 4.9703** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **32.8131, 56.4167, 19.4382**, and the grayscale version is **46.7552, -2.4947, 2.5403**.

A 20% lighter version of the original color is **85.4209, -44.3301, 6.2957**, and **42.6333, -27.1310, 5.2801** is the 20% darker color. If you saturate the color by 10%, you get **62.1098, -38.2654, 4.9723**, and if you desaturate by 10%, it is **62.2949, -37.3684, 4.0319**.

Distribution



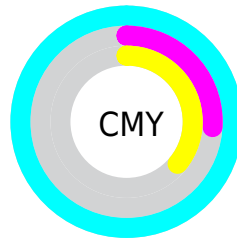
- Red (0%)
- Green (74%)
- Blue (64%)



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



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (26%)



- Cyan (100%)
- Magenta (26%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1088, -38.2640, 4.9703 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 62.1088, -38.2640, 4.9703 by changing the saturation by 10% instead.

62.1088, -38.2640,
4.9703

62.1088, -38.2640,
4.9703

184.4144,
-63.5512, 12.3396

51.4105, -34.9849,
4.2888

85.4347, -44.4117,
6.4235

41.4076, -31.5180,
3.6373

97.9939, -47.3307,
7.1918

32.1537, -27.8048,
3.0176

111.1145,
-50.1702, 7.9870

23.7150, -23.7553,
2.4306

124.7734,
-52.9434, 8.8083

16.1797, -19.2246,
1.8766

138.9503,
-55.6604, 9.6548

9.6729, -16.9275,
1.3685

153.6268,

0.0000, NaN, NaN

-58.3297, 10.5260

0.0000, NaN, NaN

168.7865,
-60.9580, 11.4211

0.0000, NaN, NaN

■ 62.1088, -38.2640,
4.9703

■ 62.1088, -38.2640,
4.9703

■ 62.1098, -38.2654,
4.9723

■ 62.2949, -37.3684,
4.0319

■ 62.5861, -36.0471,
3.2074

■ 63.0203, -34.1622,
2.5476

■ 63.6135, -31.6653,
2.0773

■ 64.3771, -28.5327,
1.8149

■ 65.3188, -24.7612,
1.7725

■ 66.4431, -20.3656,
1.9563

■ 67.7519, -15.3747,
2.3676

■ 69.2444, -9.8287,
3.0028

Harmonies

Analogous

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



62.1100, -33.4416, 20.4431



62.1088, -38.2640, 4.9703



62.1100, -34.7871, -16.7910

Triad

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



62.1100, -38.2643, 4.9710



62.1100, 16.1725, -40.3761



62.1100, 19.4875, 27.5828

Complementary

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



62.1088, -38.2640, 4.9703



32.8131, 56.4167, 19.4382

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.



62.1100, 36.0159, 18.4597



62.1088, -38.2640, 4.9703



62.1100, 33.9328, -20.5287

Square

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



62.1100, -38.2643, 4.9710



62.1100, -5.0025, -47.5336



62.1100, 41.6165, 1.7474



62.1100, -1.6140, 30.5444

Rectangle

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



62.1088, -38.2640, 4.9703



62.1100, -27.9402, -31.5162



62.1100, 41.6165, 1.7474



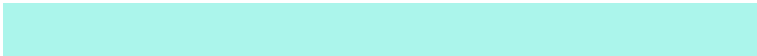
62.1100, 25.8619, 25.3199

Sweetspot

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



62.1100, -38.2643, 4.9710



89.3643, -27.7348, 2.6138



60.1812, -50.5373, 36.1979



41.1333, -14.0573, 1.1494



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.



62.1100, -38.2643, 4.9710



83.5966, -51.6124, 6.9279



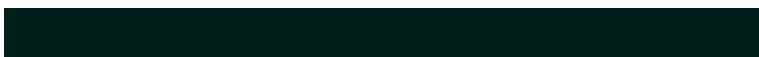
41.9548, -5.0788, -41.4740



32.8424, -4.4810, 1.4446



51.2562, -31.5256, 3.9888



10.1757, -6.0510, 0.3438

Inverse Universe

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



32.8131, 56.4167, 19.4382



44.1489, 75.8661, 26.5141



38.1667, 39.2675, 24.2044



30.9149, 1.2274, 2.0969



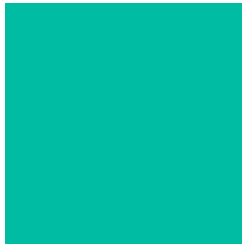
27.0863, 46.5981, 15.8592



5.4260, 9.4631, 2.1810

Previews

White Background



This preview shows how the HunterLab color 62.1088, -38.2640, 4.9703 looks on a white background.

Color Contrast Check

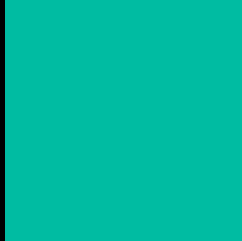
Large Text (above 18pt) WCAG AA × Fail

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 62.1088, -38.2640, 4.9703 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

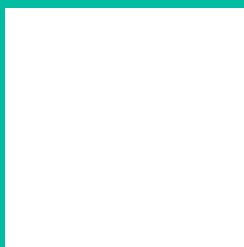
Any Text WCAG AAA ✓ Pass

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

HunterLab 62.1088, -38.2640, 4.9703 Background



This preview shows how black text looks on a background with the HunterLab color 62.1088, -38.2640, 4.9703.



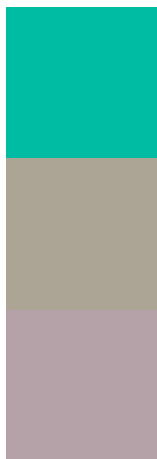
This preview shows how white text looks on a background with the HunterLab color 62.1088, -38.2640, 4.9703.

-38.2640, 4.9703.

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

62.1088, -38.2640, 4.9703

Protanopia

61.5491, -3.3836, 10.0719

Deuteranopia

61.7581, 4.2661, 2.5645



Tritanopia

62.1886, -26.9040, -13.0865

Trichromacy



Original Color

62.1088, -38.2640, 4.9703



Protanomaly

59.5579, -23.0564, 5.8613



Deuteranomaly

59.6019, -18.9013, 0.5079



Tritanomaly

62.0677, -31.7370, -6.1546

Monochromacy



Original Color

62.1088, -38.2640, 4.9703



Achromatopsia

46.8536, -2.5000, 2.5456



Achromatomaly

50.5268, -20.6148, 1.2037

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.1088, -38.2640, 4.9703 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, 188, 162)` looks like.

```
.text, #text, p{  
    color:rgb(0, 188, 162)  
}
```

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, 188, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 188, 162) }
```

Border

The CSS property to change the border of an element to HunterLab 62.1088, -38.2640, 4.9703 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, 188, 162) }
```


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

```
.border{ border-color:rgb(0, 188, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 188, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 188, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 188, 162);  
box-shadow:4px 4px 4px 4px rgb(0, 188,  
162) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.1088, -38.2640, 4.9703 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 188, 162) }
```

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

```
.background{ background-color: rgb(0, 188,  
162) }
```

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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