

Converting Colors

HunterLab(63.4432, -38.1988,
3.1618)

Have a look what the booklet for
HunterLab(63.4432, -38.1988,
3.1618) contains.

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Color

**HunterLab(63.3452,
-38.1744, 3.2316)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFA9
RGB	0, 191, 169
RGB Percent	0%, 75%, 66%
CMY	0.9999, 0.2510, 0.3372
CMYK	1.00, 0.00, 0.12, 0.25
HSL	173°, 100%, 37%
HSV	173°, 100%, 75%
XYZ	25.7922, 40.1261, 43.9218
YIQ	131.3830, -106.7740, -47.3340

Conversions

Conversions Part 2

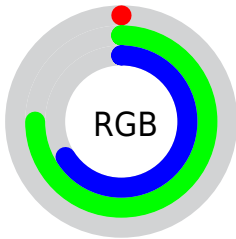
Format	Color
RYB	0, 101, 191
Decimal	49065
CIELab	69.56, -45.08, -0.26
CIELCh	70, 45.083, 180.329
Yxy	40.1277, 0.2348, 0.3653
Android (android.graphics.Color)	4278239145 (0xFF00BFA9)
YUV	131.3830, 18.5452, -115.2229
Hunter-Lab	63.3452, -38.1744, 3.2316

Details

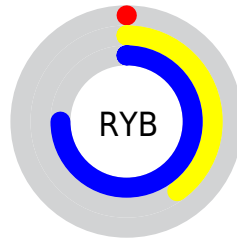
The HunterLab color **63.3452, -38.1744, 3.2316** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **33.3698, 57.3157, 20.2142**, and the grayscale version is **47.7557, -2.5481, 2.5947**.

A 20% lighter version of the original color is **86.7329, -44.1933, 4.4631**, and **43.4657, -26.7230, 3.3589** is the 20% darker color. If you saturate the color by 10%, you get **63.3461, -38.1759, 3.2336**, and if you desaturate by 10%, it is **63.5221, -37.3368, 2.4330**.

Distribution



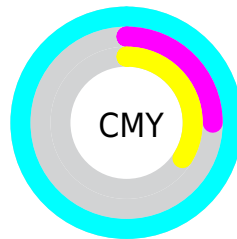
- Red (0%)
- Green (75%)
- Blue (66%)



- Red (0%)
- Yellow (40%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (25%)





- Cyan (100%)
- Magenta (25%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.3452, -38.1744, 3.2316 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 63.3452, -38.1744, 3.2316 by changing the saturation by 10% instead.


 63.3452, -38.1744,
3.2316


 63.3452, -38.1744,
3.2316


186.1885,
-63.1044, 9.8259


 52.5720, -34.9557,
2.6588


 86.8089, -44.2198,
4.4856


 42.4889, -31.5584,
2.1238


 99.4320, -47.0944,
5.1617

 33.1483, -27.9271,
1.6303


 112.6139,
-49.8931, 5.8686

 24.6147, -23.9780,
1.1821

 126.3316,
-52.6281, 6.6051

 16.9731, -19.5748,
0.7844

 140.5652,
-55.3095, 7.3701

 10.3434, -18.1010,
0.4446

155.2964,

0.0000, NaN, NaN

-57.9451, 8.1625

0.0000, NaN, NaN

170.5091,
-60.5416, 8.9814

0.0000, NaN, NaN

■ 63.3452, -38.1744,
3.2316

■ 63.3452, -38.1744,
3.2316

■ 63.3461, -38.1759,
3.2336

■ 63.5221, -37.3368,
2.4330

■ 63.8060, -36.0677,
1.7586

■ 64.2350, -34.2282,
1.2597

■ 64.8256, -31.7678,
0.9608

■ 65.5895, -28.6610,
0.8794

■ 66.5347, -24.9035,
1.0265

■ 67.6660, -20.5089,
1.4071

■ 68.9854, -15.5057,
2.0209

■ 70.4923, -9.9339,
2.8627

Harmonies

Analogous

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



63.3464, -34.1205, 19.3416



63.3452, -38.1744, 3.2316



63.3464, -33.9394, -18.5566

Triad

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



63.3464, -38.1746, 3.2323



63.3464, 17.7729, -38.2004



63.3464, 17.3313, 28.1404

Complementary

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



63.3452, -38.1744, 3.2316



33.3698, 57.3157, 20.2142

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.



63.3464, 34.3516, 19.6094



63.3452, -38.1744, 3.2316



63.3464, 34.6285, -18.0608

Square

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



63.3464, -38.1746, 3.2323



63.3464, -3.1568, -46.6691



63.3464, 41.0436, 3.6631



63.3464, -3.6097, 30.6498

Rectangle

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



63.3452, -38.1744, 3.2316



63.3464, -26.6316, -32.7321



63.3464, 41.0436, 3.6631



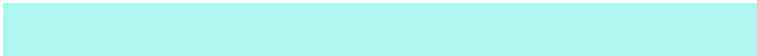
63.3464, 23.7917, 26.0510

Sweetspot

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



63.3464, -38.1746, 3.2323



90.4748, -27.7544, 1.8508



61.1858, -51.7351, 36.7959



42.0822, -14.2221, 0.7505



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.3464, -38.1746, 3.2323



84.7600, -51.1726, 4.5243



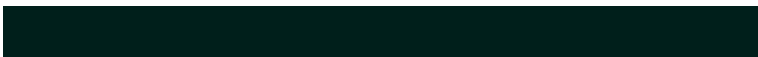
40.8301, -2.1198, -46.4552



32.8483, -4.4482, 1.3606



51.3594, -30.9028, 2.5154



10.1916, -5.9553, 0.1171

Inverse Universe

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



33.3698, 57.3157, 20.2142



44.6364, 76.6344, 27.3454



39.8410, 37.2899, 25.2013



30.9092, 1.1968, 2.1782



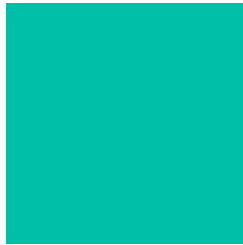
27.0622, 46.5088, 16.2158



5.4116, 9.4104, 2.3903

Previews

White Background



This preview shows how the HunterLab color 63.3452, -38.1744, 3.2316 looks on a white background.

Color Contrast Check

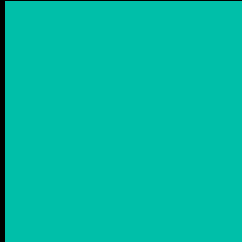
Large Text (above 18pt) WCAG AA × Fail

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 63.3452, -38.1744, 3.2316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

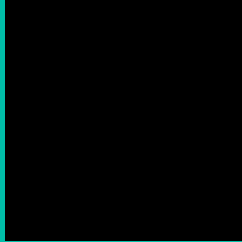
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

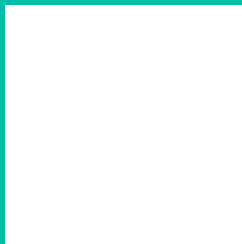
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.3452, -38.1744, 3.2316 Background



This preview shows how black text looks on a background with the HunterLab color 63.3452, -38.1744, 3.2316.



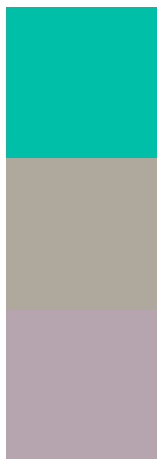
This preview shows how white text looks on a background with the HunterLab color 63.3452, -38.1744, 3.2316.

-38.1744, 3.2316.

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

63.3452, -38.1744, 3.2316

Protanopia

62.8646, -3.0156, 9.0200

Deuteranopia

62.9215, 4.2266, 0.6292



Tritanopia

63.2558, -27.6868, -13.3007

Trichromacy



Original Color

63.3452, -38.1744, 3.2316



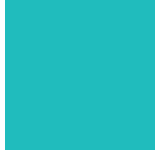
Protanomaly

60.8304, -22.7824, 4.2202



Deuteranomaly

60.8295, -18.7668, -1.3803



Tritanomaly

63.2041, -32.1961, -6.7802

Monochromacy



Original Color

63.3452, -38.1744, 3.2316



Achromatopsia

47.6409, -2.5420, 2.5884



Achromatomaly

51.6389, -20.9946, 0.6950

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.3452, -38.1744, 3.2316 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, 191, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 169)  
}
```

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, 191, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 63.3452, -38.1744, 3.2316 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, 191, 169) }
```


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

```
.border{ border-color:rgb(0, 191, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 191, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.3452, -38.1744, 3.2316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 191, 169) }
```

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

```
.background{ background-color: rgb(0, 191,  
169) }
```

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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