

Converting Colors

HunterLab(63.7649, -36.2652,
-1.4144)

Have a look what the booklet for
HunterLab(63.7649, -36.2652,
-1.4144) contains.

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Color

**HunterLab(63.6843,
-36.1366, -1.5912)**

Conversions

Conversions Part 1

Format	Color
Hex	00BFB4
RGB	0, 191, 180
RGB Percent	0%, 75%, 71%
CMY	0.9999, 0.2510, 0.2941
CMYK	1.00, 0.00, 0.06, 0.25
HSL	177°, 100%, 37%
HSV	177°, 100%, 75%
XYZ	26.8690, 40.5569, 49.5921
YIQ	132.6370, -110.3050, -43.9130

Conversions

Conversions Part 2

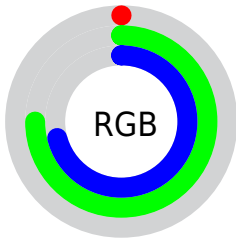
Format	Color
RYB	0, 98, 191
Decimal	49076
CIELab	69.87, -41.95, -5.84
CIElCh	70, 42.357, 187.920
Yxy	40.5584, 0.2296, 0.3466
Android (android.graphics.Color)	4278239156 (0xFF00BFB4)
YUV	132.6370, 23.3500, -116.3226
Hunter-Lab	63.6843, -36.1366, -1.5912

Details

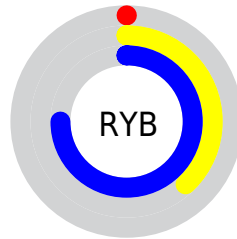
The HunterLab color **63.6843, -36.1366, -1.5912** is a dark color, and the websafe version is hex **00CCCC**. A complement of this color would be **33.3193, 57.1270, 20.9659**, and the grayscale version is **48.2339, -2.5736, 2.6206**.

A 20% lighter version of the original color is **87.1537, -41.7685, -1.0134**, and **44.0722, -25.3798, -0.2989** is the 20% darker color. If you saturate the color by 10%, you get **63.6852, -36.1379, -1.5897**, and if you desaturate by 10%, it is **63.8303, -35.4889, -1.9467**.

Distribution



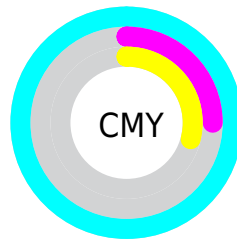
- Red (0%)
- Green (75%)
- Blue (71%)



- Red (0%)
- Yellow (38%)
- Blue (75%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)



- Cyan (100%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6843, -36.1366, -1.5912 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 63.6843, -36.1366, -1.5912 by changing the saturation by 10% instead.

63.6843, -36.1366,
-1.5912

63.6843, -36.1366,
-1.5912

186.6740,
-59.6979, 3.0671

52.8906, -33.1205,
-1.8988

87.1855, -41.8188,
-0.8282

42.7858, -29.9445,
-2.1526

99.8260, -44.5283,
-0.3815

33.4216, -26.5585,
-2.3456

113.0245,
-47.1707, 0.1050

24.8623, -22.8862,
-2.4694

126.7583,
-49.7570, 0.6293

17.1920, -18.8034,
-2.5129

141.0073,
-52.2963, 1.1892

10.5291, -18.1900,
-2.4603

155.7535,

0.0000, NaN, -NF

-54.7957, 1.7832

0.0000, NaN, NaN

170.9806,
-57.2613, 2.4096

0.0000, NaN, NaN

■ 63.6843, -36.1366,
-1.5912

■ 63.6843, -36.1366,
-1.5912

■ 63.6852, -36.1379,
-1.5897

■ 63.8303, -35.4889,
-1.9467

■ 64.0821, -34.4177,
-2.1633

■ 64.4780, -32.7836,
-2.1899

■ 65.0346, -30.5342,
-2.0045

■ 65.7638, -27.6413,
-1.5928

■ 66.6739, -24.0977,
-0.9472

■ 67.7700, -19.9143,
-0.0664

■ 69.0544, -15.1170,
1.0455

■ 70.5267, -9.7435,
2.3799

Harmonies

Analogous

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



63.6855, -34.2608, 15.3560



63.6843, -36.1366, -1.5912



63.6855, -30.1033, -22.2578

Triad

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



63.6855, -36.1367, -1.5904



63.6855, 21.0379, -31.1277



63.6855, 11.1514, 28.2638

Complementary

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



63.6843, -36.1366, -1.5912



33.3193, 57.1270, 20.9659

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.



63.6855, 28.5843, 21.5641



63.6843, -36.1366, -1.5912



63.6855, 34.7491, -11.2761

Square

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



63.6855, -36.1367, -1.5904



63.6855, 1.7914, -42.3264



63.6855, 37.6636, 8.1401



63.6855, -8.4331, 29.4497

Rectangle

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



63.6843, -36.1366, -1.5912



63.6855, -21.9302, -34.2687



63.6855, 37.6636, 8.1401



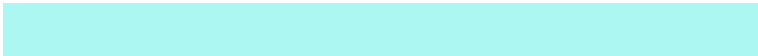
63.6855, 17.5222, 26.7044

Sweetspot

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



63.6855, -36.1367, -1.5904



90.6158, -26.9468, -0.1545



61.1120, -52.0506, 36.7447



42.1577, -13.7873, -0.3230



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.



63.6855, -36.1367, -1.5904



85.2201, -48.4067, -2.0217



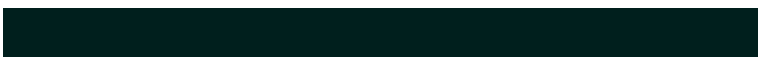
38.1314, 2.5224, -53.1027



32.8630, -4.3661, 1.1503



51.6309, -29.2714, -1.3456



10.2329, -5.7079, -0.4685

Inverse Universe

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



33.3193, 57.1270, 20.9659



44.5760, 76.4105, 28.2408



41.5103, 32.9852, 26.1544



30.8951, 1.1207, 2.3799



27.0170, 46.3414, 16.8851



5.3758, 9.2782, 2.9167

Previews

White Background



This preview shows how the HunterLab color 63.6843, -36.1366, -1.5912 looks on a white background.

Color Contrast Check

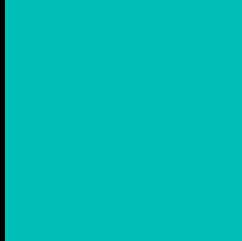
Large Text (above 18pt) WCAG AA × Fail

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 63.6843, -36.1366, -1.5912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

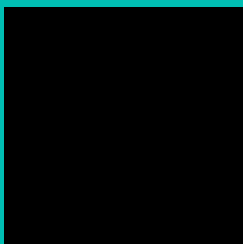
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

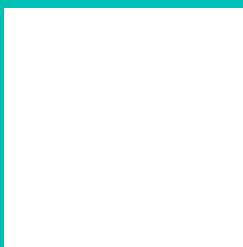
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.6843, -36.1366, -1.5912 Background



This preview shows how black text looks on a background with the HunterLab color 63.6843, -36.1366, -1.5912.



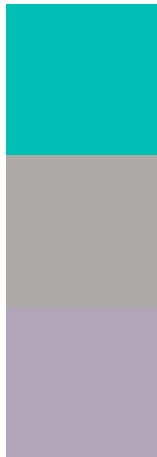
This preview shows how white text looks on a background with the HunterLab color 63.6843, -36.1366, -1.5912.

-36.1366, -1.5912.

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

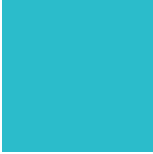
63.6843, -36.1366, -1.5912

Protanopia

63.2852, -2.4491, 4.7020

Deuteranopia

63.1826, 4.3521, -4.5834



Tritanopia

63.8685, -28.5993, -13.5949

Trichromacy



Original Color

63.6843, -36.1366, -1.5912



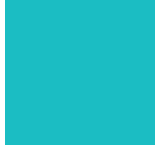
Protanomaly

61.4311, -21.4990, -0.1922



Deuteranomaly

61.0275, -17.3021, -6.7544



Tritanomaly

63.6933, -31.5924, -9.3660

Monochromacy



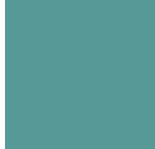
Original Color

63.6843, -36.1366, -1.5912



Achromatopsia

48.4304, -2.5841, 2.6313



Achromatomaly

52.1963, -20.1882, -0.9659

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6843, -36.1366, -1.5912 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, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 191, 180)  
}
```

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, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 191, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6843, -36.1366, -1.5912 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, 180) }
```


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

```
.border{ border-color:rgb(0, 191, 180) }
```

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, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 191, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 191, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 191,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6843, -36.1366, -1.5912 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, 180) }
```

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

```
.background{ background-color: rgb(0, 191,  
180) }
```

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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