

Converting Colors

HunterLab(73.1656, -48.7585,
13.8049)

Have a look what the booklet for
HunterLab(73.1656, -48.7585,
13.8049) contains.

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Color

**HunterLab(73.1626,
-48.7591, 13.8100)**

Conversions

Conversions Part 1

Format	Color
Hex	00DBA9
RGB	0, 219, 169
RGB Percent	0%, 86%, 66%
CMY	0.9999, 0.1412, 0.3372
CMYK	1.00, 0.00, 0.23, 0.14
HSL	166°, 100%, 43%
HSV	166°, 100%, 86%
XYZ	32.4930, 53.5277, 46.1555
YIQ	147.8190, -114.4740, -61.9780

Conversions

Conversions Part 2

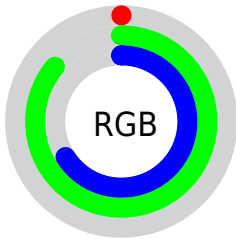
Format	Color
RYB	0, 124, 219
Decimal	56233
CIELab	78.19, -56.36, 12.15
CIELCh	78, 57.654, 167.834
Yxy	53.5297, 0.2458, 0.4050
Android (android.graphics.Color)	4278246313 (0xFF00DBA9)
YUV	147.8190, 10.4422, -129.6373
Hunter-Lab	73.1626, -48.7591, 13.8100

Details

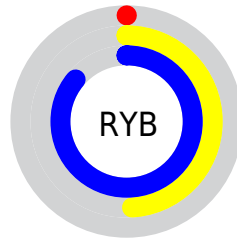
The HunterLab color **73.1626, -48.7591, 13.8100** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **39.1048, 67.5534, 20.6982**, and the grayscale version is **54.3426, -2.8996, 2.9525**.

A 20% lighter version of the original color is **89.4582, -46.2531, 7.5749**, and **52.4202, -36.2034, 12.6321** is the 20% darker color. If you saturate the color by 10%, you get **73.1637, -48.7612, 13.8131**, and if you desaturate by 10%, it is **73.4103, -47.4929, 12.0605**.

Distribution



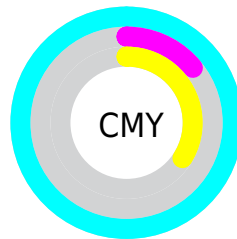
- Red (0%)
- Green (86%)
- Blue (66%)



- Red (0%)
- Yellow (49%)
- Blue (86%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (14%)





- Cyan (100%)
- Magenta (14%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 73.1626, -48.7591, 13.8100 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 73.1626, -48.7591, 13.8100 by changing the saturation by 10% instead.


 73.1626, -48.7591,
13.8100


 73.1626, -48.7591,
13.8100


200.0785,
-77.9685, 25.1562


 61.8270, -44.9793,
12.5729


 97.6644, -55.8683,
16.2836


 51.1449, -41.0009,
11.3274


 110.7709,
-59.2470, 17.5253


 41.1605, -36.7716,
10.0666


 124.4163,
-62.5328, 18.7735

 31.9266, -32.2158,
8.7787

 138.5801,
-65.7395, 20.0298

 23.5099, -27.2201,
7.4446

 153.2440,
-68.8781, 21.2954

 15.9992, -21.9982,
6.0319

168.3915,

 9.5209, -16.6616,

-71.9576, 22.5712

5.8091

184.0075,
-74.9856, 23.8579

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.1626, -48.7591,
13.8100

■ 73.1626, -48.7591,
13.8100

■ 73.1637, -48.7612,
13.8131

■ 73.4103, -47.4929,
12.0605

■ 73.7912, -45.6773,
10.4018

■ 74.3470, -43.1624,
8.8911

■ 75.0973, -39.8898,
7.5636

■ 76.0561, -35.8332,

6.4475

■ 77.2325, -30.9928,
5.5644

■ 78.6318, -25.3909,
4.9296

■ 80.2557, -19.0678,
4.5517

■ 82.1028, -12.0769,
4.4338

Harmonies

Analogous

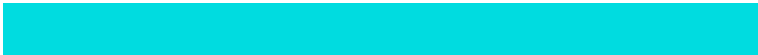
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



73.1640, -39.1246, 30.3436



73.1626, -48.7591, 13.8100



73.1640, -47.7514, -13.1609

Triad

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



73.1640, -48.7596, 13.8107



73.1640, 13.0035, -61.9159



73.1640, 35.0837, 32.3188

Complementary

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



73.1626, -48.7591, 13.8100



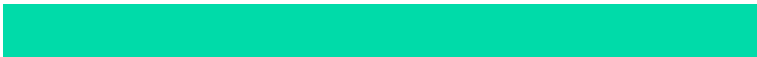
39.1048, 67.5534, 20.6982

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.



73.1640, 53.5474, 17.7753



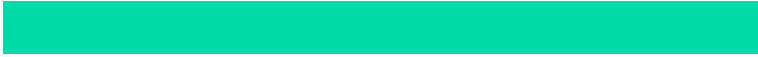
73.1626, -48.7591, 13.8100



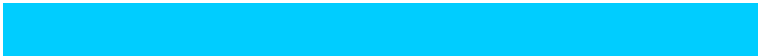
73.1640, 39.5611, -38.4750

Square

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



73.1640, -48.7596, 13.8107



73.1640, -14.7222, -64.2368



73.1640, 55.2974, -7.4321



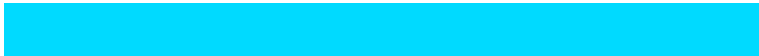
73.1640, 7.5738, 38.0669

Rectangle

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



73.1626, -48.7591, 13.8100



73.1640, -41.1654, -34.0826



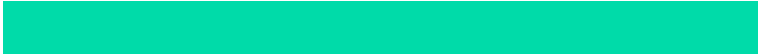
73.1640, 55.2974, -7.4321



73.1640, 42.7191, 28.6079

Sweetspot

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



73.1640, -48.7596, 13.8107



93.3755, -30.3592, 5.8733



71.6743, -58.9252, 43.1330



42.8590, -15.4002, 2.8502

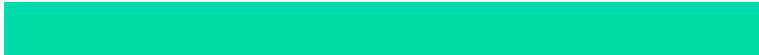
0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



73.1640, -48.7596, 13.8107



86.9142, -58.0136, 16.5995



55.1985, -14.2523, -38.2246



38.4396, -5.4576, 2.0736



56.3530, -37.4530, 10.4140



14.3876, -9.2642, 2.0155

Inverse Universe

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



39.1048, 67.5534, 20.6982



46.4412, 80.1947, 24.8714



42.5789, 54.3940, 27.1880



36.1939, 1.6477, 2.0834



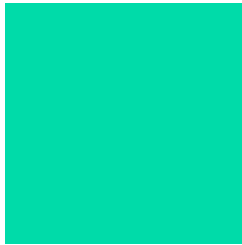
30.1336, 52.1041, 15.6012



7.7556, 13.5780, 2.7150

Previews

White Background



This preview shows how the HunterLab color 73.1626, -48.7591, 13.8100 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 73.1626, -48.7591, 13.8100 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

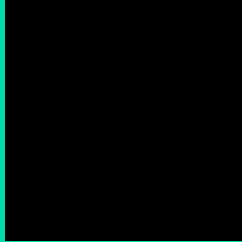
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

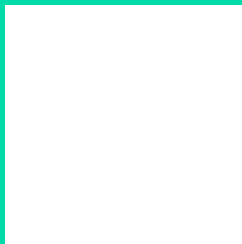
Any Text WCAG AAA ✓ Pass

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

HunterLab 73.1626, -48.7591, 13.8100 Background



This preview shows how black text looks on a background with the HunterLab color 73.1626, -48.7591, 13.8100.



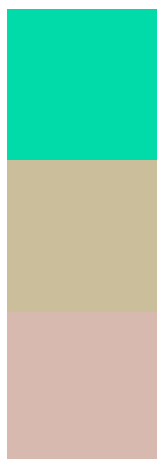
This preview shows how white text looks on a background with the HunterLab color 73.1626, -48.7591, 13.8100.

-48.7591, 13.8100.

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

73.1626, -48.7591, 13.8100

Protanopia

72.3358, -5.2386, 19.0637

Deuteranopia

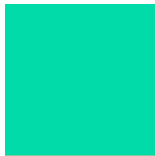
72.4096, 5.1792, 11.0769



Tritanopia

73.0882, -30.9915, -15.0478

Trichromacy



Original Color

73.1626, -48.7591, 13.8100



Protanomaly

69.9846, -29.9259, 14.4248



Deuteranomaly

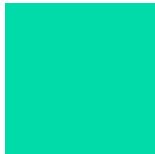
69.4752, -24.3976, 8.6439



Tritanomaly

72.8778, -38.6133, -3.7943

Monochromacy



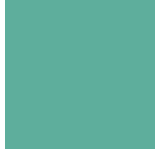
Original Color

73.1626, -48.7591, 13.8100



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

59.2048, -25.9645, 4.5294

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.1626, -48.7591, 13.8100 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, 219, 169)` looks like.

```
.text, #text, p{  
    color:rgb(0, 219, 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, 219, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 219, 169) }
```

Border

The CSS property to change the border of an element to HunterLab 73.1626, -48.7591, 13.8100 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, 219, 169) }
```


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

```
.border{ border-color:rgb(0, 219, 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, 219, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 219, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 219, 169);  
box-shadow:4px 4px 4px 4px rgb(0, 219,  
169) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.1626, -48.7591, 13.8100 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 219, 169) }
```

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

```
.background{ background-color: rgb(0, 219,  
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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