

Converting Colors

HunterLab(72.3459, -48.0105,
13.2149)

Have a look what the booklet for
HunterLab(72.3459, -48.0105,
13.2149) contains.

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Color

**HunterLab(72.4243,
-48.1680, 13.4568)**

Conversions

Conversions Part 1

Format	Color
Hex	00D9A8
RGB	0, 217, 168
RGB Percent	0%, 85%, 66%
CMY	0.9999, 0.1490, 0.3412
CMYK	1.00, 0.00, 0.23, 0.15
HSL	166°, 100%, 43%
HSV	166°, 100%, 85%
XYZ	31.8807, 52.4528, 45.4899
YIQ	146.5310, -113.6030, -61.2430

Conversions

Conversions Part 2

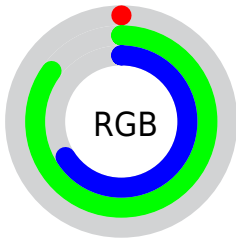
Format	Color
RYB	0, 122, 217
Decimal	55720
CIELab	77.55, -55.83, 11.78
CIELCh	78, 57.063, 168.085
Yxy	52.4548, 0.2456, 0.4040
Android (android.graphics.Color)	4278245800 (0xFF00D9A8)
YUV	146.5310, 10.5842, -128.5077
Hunter-Lab	72.4243, -48.1680, 13.4568

Details

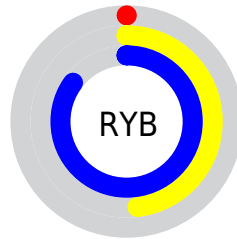
The HunterLab color **72.4243, -48.1680, 13.4568** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.6974, 66.8399, 20.5580**, and the grayscale version is **53.8231, -2.8719, 2.9243**.

A 20% lighter version of the original color is **89.3934, -46.5688, 7.9659**, and **51.7211, -35.6472, 12.3052** is the 20% darker color. If you saturate the color by 10%, you get **72.4254, -48.1700, 13.4598**, and if you desaturate by 10%, it is **72.6693, -46.9178, 11.7411**.

Distribution



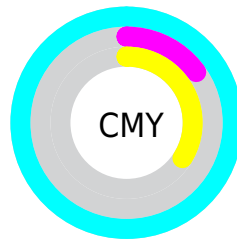
- Red (0%)
- Green (85%)
- Blue (66%)



- Red (0%)
- Yellow (48%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (15%)



- Cyan (100%)
- Magenta (15%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.4243, -48.1680, 13.4568 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 72.4243, -48.1680, 13.4568 by changing the saturation by 10% instead.

72.4243, -48.1680,
13.4568

72.4243, -48.1680,
13.4568

199.0452,
-77.1992, 24.6578

61.1292, -44.4094,
12.2394

96.8513, -55.2351,
15.8937

50.4899, -40.4518,
11.0148

109.9228,
-58.5932, 17.1182

40.5515, -36.2426,
9.7762

123.5346,
-61.8589, 18.3499

31.3673, -31.7049,
8.5119

137.6661,
-65.0457, 19.5902

23.0052, -26.7233,
7.2032

152.2987,
-68.1648, 20.8404

15.5558, -21.6701,
5.8176

167.4160,

9.1436, -16.0013,

-71.2253, 22.1013

5.8386

183.0027,
-74.2346, 23.3736

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.4243, -48.1680,
13.4568

■ 72.4243, -48.1680,
13.4568

■ 72.4254, -48.1700,
13.4598

■ 72.6693, -46.9178,
11.7411

■ 73.0458, -45.1257,
10.1167

■ 73.5950, -42.6427,
8.6405

■ 74.3366, -39.4111,
7.3469

■ 75.2843, -35.4050,

6.2637

■ 76.4470, -30.6243,
5.4122

■ 77.8300, -25.0913,
4.8071

■ 79.4349, -18.8453,
4.4568

■ 81.2606, -11.9392,
4.3641

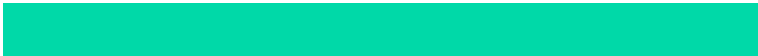
Harmonies

Analogous

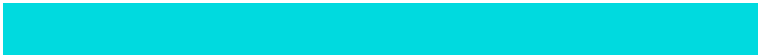
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.4257, -38.7421, 29.8748



72.4243, -48.1680, 13.4568



72.4257, -47.0849, -13.2157

Triad

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



72.4257, -48.1685, 13.4575



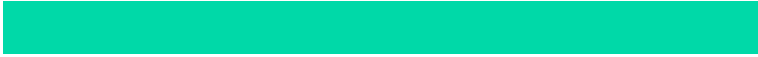
72.4257, 13.0469, -60.8715



72.4257, 34.3775, 32.0006

Complementary

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



72.4243, -48.1680, 13.4568



38.6974, 66.8399, 20.5580

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.



72.4257, 52.6894, 17.7169



72.4243, -48.1680, 13.4568



72.4257, 39.1807, -37.6589

Square

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



72.4257, -48.1685, 13.4575



72.4257, -14.3268, -63.3583



72.4257, 54.5663, -7.0695



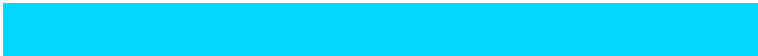
72.4257, 7.2195, 37.6285

Rectangle

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



72.4243, -48.1680, 13.4568



72.4257, -40.5239, -33.8321



72.4257, 54.5663, -7.0695



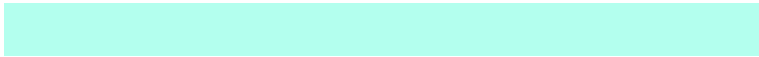
72.4257, 41.9337, 28.3577

Sweetspot

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



72.4257, -48.1685, 13.4575



93.3815, -30.3246, 5.7874



70.9383, -58.3116, 42.6903



42.8622, -15.3820, 2.8051

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.4257, -48.1685, 13.4575



86.9310, -57.9109, 16.3568



54.6405, -14.1204, -37.8120



38.4404, -5.4534, 2.0628



56.3637, -37.3875, 10.2592



14.3900, -9.2496, 1.9810

Inverse Universe

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



38.6974, 66.8399, 20.5580



46.4342, 80.1689, 24.9744



42.1512, 53.8027, 26.9141



36.1932, 1.6437, 2.0940



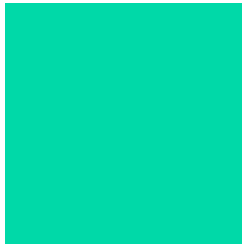
30.1288, 52.0862, 15.6723



7.7540, 13.5719, 2.7392

Previews

White Background



This preview shows how the HunterLab color 72.4243, -48.1680, 13.4568 looks on a white background.

Color Contrast Check

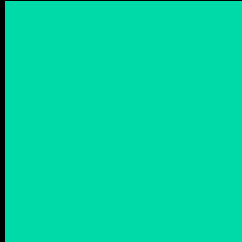
Large Text (above 18pt) WCAG AA × Fail

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 72.4243, -48.1680, 13.4568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

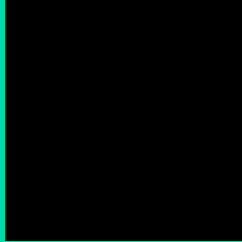
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

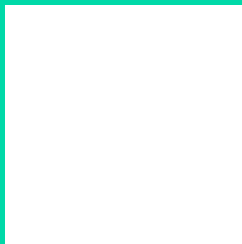
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.4243, -48.1680, 13.4568 Background



This preview shows how black text looks on a background with the HunterLab color 72.4243, -48.1680, 13.4568.



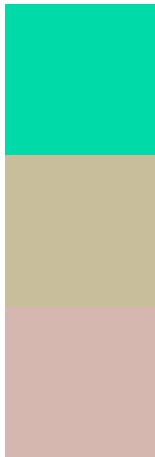
This preview shows how white text looks on a background with the HunterLab color 72.4243, -48.1680, 13.4568.

-48.1680, 13.4568.

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

72.4243, -48.1680, 13.4568

Protanopia

71.8408, -5.4209, 18.5803

Deuteranopia

71.5949, 5.3596, 10.6233



Tritanopia

72.3332, -30.5584, -14.9408

Trichromacy



Original Color

72.4243, -48.1680, 13.4568



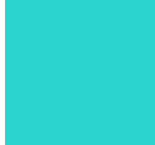
Protanomaly

69.5958, -29.7122, 14.0316



Deuteranomaly

68.7336, -23.8970, 8.2676



Tritanomaly

72.1168, -38.1900, -3.7153

Monochromacy



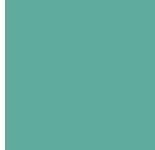
Original Color

72.4243, -48.1680, 13.4568



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.5246, -25.2988, 4.2038

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.4243, -48.1680, 13.4568 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, 217, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 217, 168)  
}
```

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, 217, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 217, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 72.4243, -48.1680, 13.4568 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, 217, 168) }
```


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

```
.border{ border-color:rgb(0, 217, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 217, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 217, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 217, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 217,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.4243, -48.1680, 13.4568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 217, 168) }
```

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

```
.background{ background-color: rgb(0, 217,  
168) }
```

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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