

Converting Colors

HunterLab(72.7958, -45.9247,
8.1919)

Have a look what the booklet for
HunterLab(72.7958, -45.9247,
8.1919) contains.

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Color

**HunterLab(72.8077,
-45.8493, 8.0218)**

Conversions

Conversions Part 1

Format	Color
Hex	01D9B6
RGB	1, 217, 182
RGB Percent	0%, 85%, 71%
CMY	0.9959, 0.1490, 0.2863
CMYK	1.00, 0.00, 0.16, 0.15
HSL	170°, 99%, 43%
HSV	170°, 100%, 85%
XYZ	33.2689, 53.0096, 52.7344
YIQ	148.4260, -117.5010, -56.6770

Conversions

Conversions Part 2

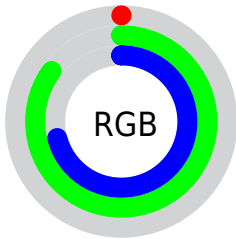
Format	Color
RYB	1, 119, 217
Decimal	121270
CIELab	77.88, -52.28, 4.80
CIElCh	78, 52.504, 174.754
Yxy	53.0116, 0.2393, 0.3813
Android (android.graphics.Color)	4278311350 (0xFF01D9B6)
YUV	148.4260, 16.5520, -129.2926
Hunter-Lab	72.8077, -45.8493, 8.0218

Details

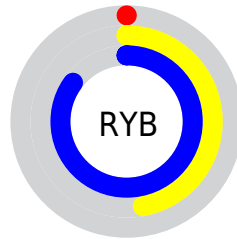
The HunterLab color **72.8077, -45.8493, 8.0218** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **38.6036, 66.2905, 22.3797**, and the grayscale version is **54.5650, -2.9115, 2.9646**.

A 20% lighter version of the original color is **89.8993, -43.6388, 1.2840**, and **52.0334, -33.7441, 7.8066** is the 20% darker color. If you saturate the color by 10%, you get **72.7997, -45.8972, 8.0854**, and if you desaturate by 10%, it is **73.0283, -44.7608, 6.7182**.

Distribution



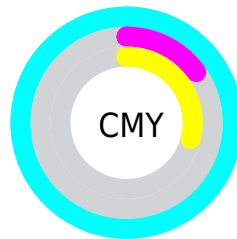
- Red (0%)
- Green (85%)
- Blue (71%)



- Red (0%)
- Yellow (47%)
- Blue (85%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (15%)





- Cyan (100%)
- Magenta (15%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.8077, -45.8493, 8.0218 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 72.8077, -45.8493, 8.0218 by changing the saturation by 10% instead.


 72.8077, -45.8493,
8.0218


 72.8077, -45.8493,
8.0218


199.5820,
-73.3468, 16.6287


 61.4915, -42.3140,
7.1706


 97.2736, -52.5128,
9.7893


 50.8300, -38.5985,
6.3388


 110.3633,
-55.6864, 10.7044


 40.8676, -34.6544,
5.5262


 123.9926,
-58.7769, 11.6404

 31.6575, -30.4114,
4.7307

 138.1409,
-61.7968, 12.5973

 23.2670, -25.7628,
3.9482

 152.7898,
-64.7561, 13.5748

 15.7857, -20.7812,
3.1709

167.9227,

 9.3412, -16.3470,

-67.6631, 14.5727

2.6388

183.5247,
-70.5248, 15.5908

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.8077, -45.8493,
8.0218

■ 72.8077, -45.8493,
8.0218

■ 72.7997, -45.8972,
8.0854

■ 73.0283, -44.7608,
6.7182

■ 73.3814, -43.1330,
5.5468

■ 73.9059, -40.8277,
4.5608

■ 74.6210, -37.7866,
3.7917

■ 75.5406, -33.9818,

3.2629

■ 76.6737, -29.4107,
2.9910

■ 78.0258, -24.0926,
2.9853

■ 79.5988, -18.0640,
3.2491

■ 81.3918, -11.3748,
3.7796

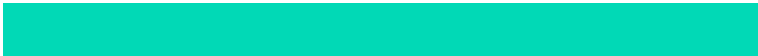
Harmonies

Analogous

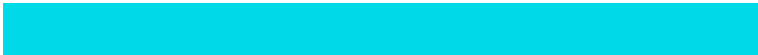
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.8091, -39.1427, 25.7262



72.8077, -45.8493, 8.0218



72.8091, -42.6103, -17.9078

Triad

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



72.8091, -45.8497, 8.0226



72.8091, 17.3578, -51.0100



72.8091, 25.9885, 32.2959

Complementary

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



72.8077, -45.8493, 8.0218



38.6036, 66.2905, 22.3797

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.



72.8091, 45.1223, 20.6317



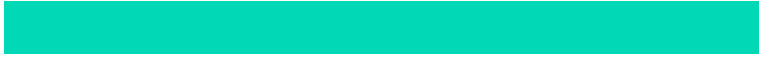
72.8077, -45.8493, 8.0218



72.8091, 39.6869, -27.6819

Square

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



72.8091, -45.8497, 8.0226



72.8091, -8.2333, -57.8811



72.8091, 50.4449, -0.3443



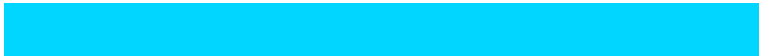
72.8091, 0.5600, 36.3826

Rectangle

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



72.8077, -45.8493, 8.0218



72.8091, -34.9844, -36.1545



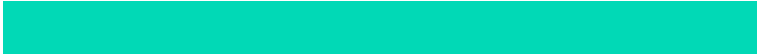
72.8091, 50.4449, -0.3443



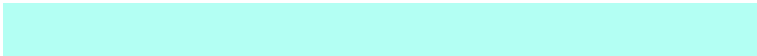
72.8091, 33.4990, 29.3719

Sweetspot

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



72.8091, -45.8497, 8.0226



93.5368, -29.4326, 3.5731



70.7274, -59.2060, 42.5204



42.9438, -14.9103, 1.6409

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.8091, -45.8497, 8.0226



87.3832, -55.1645, 9.8628



50.2711, -7.4953, -46.5800



38.4596, -5.3463, 1.7882



56.6518, -35.6384, 6.1233



14.4538, -8.8637, 1.0682

Inverse Universe

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



38.6036, 66.2905, 22.3797



46.2843, 79.6142, 27.1881



44.1848, 47.9371, 28.0257



36.1743, 1.5420, 2.3638



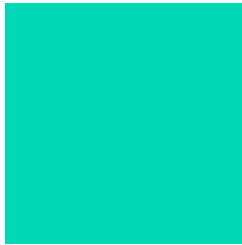
30.0237, 51.6974, 17.2233



7.7125, 13.4192, 3.3451

Previews

White Background



This preview shows how the HunterLab color 72.8077, -45.8493, 8.0218 looks on a white background.

Color Contrast Check

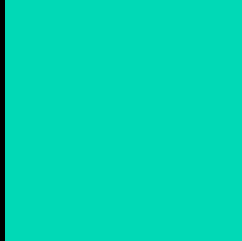
Large Text (above 18pt) WCAG AA × Fail

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 72.8077, -45.8493, 8.0218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

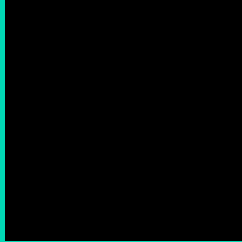
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

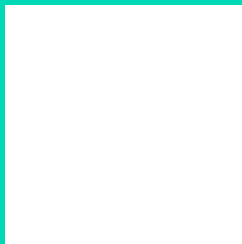
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.8077, -45.8493, 8.0218 Background



This preview shows how black text looks on a background with the HunterLab color 72.8077, -45.8493, 8.0218.



This preview shows how white text looks on a background with the HunterLab color 72.8077,

-45.8493, 8.0218.

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

72.8077, -45.8493, 8.0218

Protanopia

72.0648, -3.9987, 13.8573

Deuteranopia

72.1621, 5.0956, 4.9989



Tritanopia

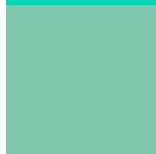
72.9480, -31.5319, -15.2582

Trichromacy



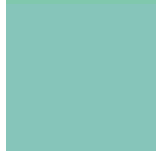
Original Color

72.8077, -45.8493, 8.0218



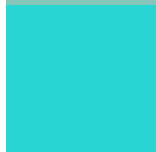
Protanomaly

69.9392, -27.7083, 9.0957



Deuteranomaly

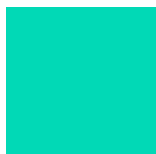
69.6750, -22.8865, 3.0023



Tritanomaly

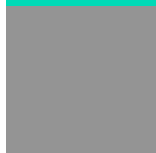
72.6242, -37.5595, -6.2196

Monochromacy



Original Color

72.8077, -45.8493, 8.0218



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

59.0408, -24.6903, 2.5503

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.8077, -45.8493, 8.0218 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(1, 217, 182)` looks like.

```
.text, #text, p{  
    color:rgb(1, 217, 182)  
}
```

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(1, 217, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(1, 217, 182) }
```

Border

The CSS property to change the border of an element to HunterLab 72.8077, -45.8493, 8.0218 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(1, 217, 182) }
```


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

```
.border{ border-color:rgb(1, 217, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(1, 217, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(1, 217, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(1, 217, 182);  
box-shadow:4px 4px 4px 4px rgb(1, 217,  
182) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.8077, -45.8493, 8.0218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(1, 217, 182) }
```

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

```
.background{ background-color: rgb(1, 217,  
182) }
```

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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