

Converting Colors

HunterLab(69.9594, -53.1217,
5.5612)

Have a look what the booklet for
HunterLab(69.9594, -53.1217,
5.5612) contains.

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Color

**HunterLab(72.0390,
-45.4431, 8.0562)**

Conversions

Conversions Part 1

Format	Color
Hex	00D7B4
RGB	0, 215, 180
RGB Percent	0%, 84%, 71%
CMY	0.9999, 0.1568, 0.2941
CMYK	1.00, 0.00, 0.16, 0.16
HSL	170°, 100%, 42%
HSV	170°, 100%, 84%
XYZ	32.5387, 51.8962, 51.4821
YIQ	146.7250, -116.9050, -56.4650

Conversions

Conversions Part 2

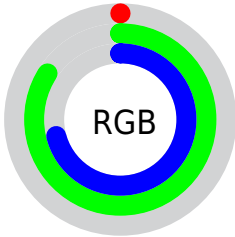
Format	Color
RYB	0, 117, 215
Decimal	55220
CIELab	77.22, -52.03, 4.91
CIELCh	77, 52.260, 174.606
Yxy	51.8982, 0.2394, 0.3818
Android (android.graphics.Color)	4278245300 (0xFF00D7B4)
YUV	146.7250, 16.4046, -128.6778
Hunter-Lab	72.0390, -45.4431, 8.0562

Details

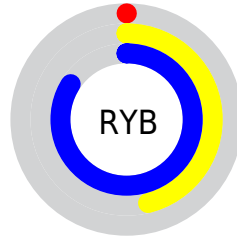
The HunterLab color **72.0390, -45.4431, 8.0562** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **38.1706, 65.6815, 22.1959**, and the grayscale version is **53.8802, -2.8749, 2.9274**.

A 20% lighter version of the original color is **89.7999, -44.1578, 2.1662**, and **51.3114, -33.3385, 7.8334** is the 20% darker color. If you saturate the color by 10%, you get **72.0401, -45.4451, 8.0592**, and if you desaturate by 10%, it is **72.2550, -44.3747, 6.7597**.

Distribution



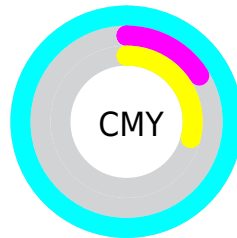
- Red (0%)
- Green (84%)
- Blue (71%)



- Red (0%)
- Yellow (46%)
- Blue (84%)



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





- Cyan (100%)
- Magenta (16%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.0390, -45.4431, 8.0562 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 72.0390, -45.4431, 8.0562 by changing the saturation by 10% instead.


 72.0390, -45.4431,
8.0562


 72.0390, -45.4431,
8.0562


198.5053,
-72.8753, 16.6915


 60.7651, -41.9128,
7.2006


 96.4267, -52.0940,
9.8314


 50.1484, -38.2008,
6.3641


 109.4799,
-55.2606, 10.7499


 40.2341, -34.2579,
5.5461


 123.0741,
-58.3437, 11.6891

 31.0759, -30.0122,
4.7444

 137.1886,
-61.3561, 12.6491

 22.7425, -25.3547,
3.9545

 151.8049,
-64.3077, 13.6296

 15.3254, -20.5085,
3.1679

166.9063,

 8.9403, -15.6455,

-67.2071, 14.6303

2.7644

182.4777,
-70.0610, 15.6510

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.0390, -45.4431,
8.0562

■ 72.0390, -45.4431,
8.0562

■ 72.0401, -45.4451,
8.0592

■ 72.2550, -44.3747,
6.7597

■ 72.5982, -42.7881,
5.5886

■ 73.1098, -40.5348,
4.5990

■ 73.8092, -37.5558,
3.8223

■ 74.7103, -33.8223,

3.2820

■ 75.8222, -29.3310,
2.9949

■ 77.1504, -24.1000,
2.9705

■ 78.6969, -18.1649,
3.2123

■ 80.4610, -11.5743,
3.7180

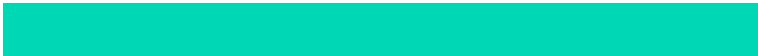
Harmonies

Analogous

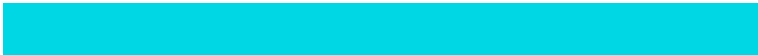
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



72.0404, -38.7473, 25.5592



72.0390, -45.4431, 8.0562



72.0404, -42.2814, -17.6403

Triad

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



72.0404, -45.4435, 8.0570



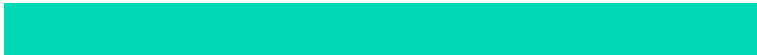
72.0404, 17.1035, -50.7196



72.0404, 25.9067, 31.9665

Complementary

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



72.0390, -45.4431, 8.0562



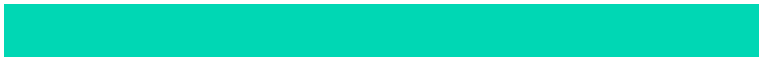
38.1706, 65.6815, 22.1959

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.



72.0404, 44.8403, 20.3685



72.0390, -45.4431, 8.0562



72.0404, 39.2953, -27.6133

Square

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



72.0404, -45.4435, 8.0570



72.0404, -8.2763, -57.4411



72.0404, 50.0433, -0.4750



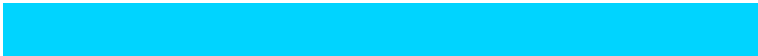
72.0404, 0.6904, 36.0432

Rectangle

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



72.0390, -45.4431, 8.0562



72.0404, -34.7534, -35.7629



72.0404, 50.0433, -0.4750



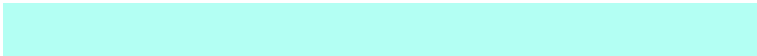
72.0404, 33.3458, 29.0579

Sweetspot

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



72.0404, -45.4435, 8.0570



93.5349, -29.4433, 3.5995



69.9823, -58.6410, 42.0953



42.9429, -14.9160, 1.6549

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.0404, -45.4435, 8.0570



87.3776, -55.1984, 9.9430



49.6550, -7.3023, -46.2981



37.5120, -5.2073, 1.7480



55.7255, -35.0735, 6.0615



13.7203, -8.4044, 0.9934

Inverse Universe

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



38.1706, 65.6815, 22.1959



46.2858, 79.6196, 27.1664



43.6379, 47.6694, 27.7226



35.2895, 1.4954, 2.3016



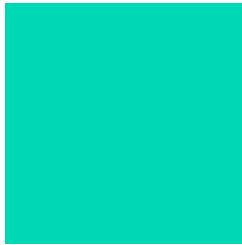
29.5365, 50.8631, 16.9082



7.3257, 12.7566, 3.0969

Previews

White Background



This preview shows how the HunterLab color 72.0390, -45.4431, 8.0562 looks on a white background.

Color Contrast Check

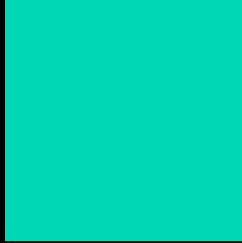
Large Text (above 18pt) WCAG AA × Fail

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 72.0390, -45.4431, 8.0562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

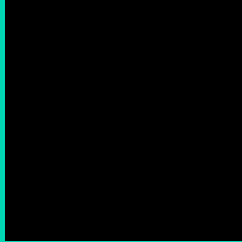
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

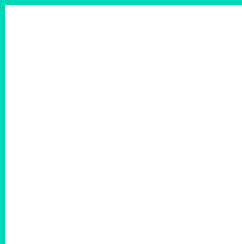
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.0390, -45.4431, 8.0562 Background



This preview shows how black text looks on a background with the HunterLab color 72.0390, -45.4431, 8.0562.



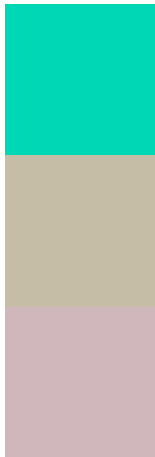
This preview shows how white text looks on a background with the HunterLab color 72.0390, -45.4431, 8.0562.

-45.4431, 8.0562.

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

72.0390, -45.4431, 8.0562

Protanopia

71.5221, -4.4471, 14.0873

Deuteranopia

71.3195, 5.1262, 4.9526



Tritanopia

72.1693, -31.1899, -15.1868

Trichromacy



Original Color

72.0390, -45.4431, 8.0562



Protanomaly

69.1115, -27.5804, 9.0506



Deuteranomaly

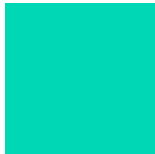
68.8451, -22.7764, 2.9697



Tritanomaly

71.8494, -37.1947, -6.1552

Monochromacy



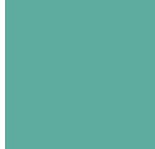
Original Color

72.0390, -45.4431, 8.0562



Achromatopsia

54.0158, -2.8821, 2.9348



Achromatomaly

58.6412, -24.6164, 2.5397

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0390, -45.4431, 8.0562 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, 215, 180)` looks like.

```
.text, #text, p{  
    color:rgb(0, 215, 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, 215, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 215, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0390, -45.4431, 8.0562 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, 215, 180) }
```


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

```
.border{ border-color:rgb(0, 215, 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, 215, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 215, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 215, 180);  
box-shadow:4px 4px 4px 4px rgb(0, 215,  
180) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0390, -45.4431, 8.0562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 215, 180) }
```

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

```
.background{ background-color: rgb(0, 215,  
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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