

Converting Colors

HunterLab(74.2152, -52.0330,
2.5190)

Have a look what the booklet for
HunterLab(74.2152, -52.0330,
2.5190) contains.

HunterLab(75.7248, -45.9291, 4.4984)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(75.7248,
-45.9291, 4.4984)**

Conversions

Conversions Part 1

Format	Color
Hex	00E0C5
RGB	0, 224, 197
RGB Percent	0%, 88%, 77%
CMY	0.9998, 0.1216, 0.2274
CMYK	1.00, 0.00, 0.12, 0.12
HSL	173°, 100%, 44%
HSV	173°, 100%, 88%
XYZ	36.7337, 57.3425, 61.9553
YIQ	153.9460, -124.8370, -55.8850

Conversions

Conversions Part 2

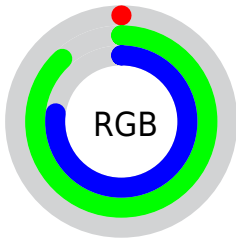
Format	Color
RYB	0, 119, 224
Decimal	57541
CIELab	80.37, -51.19, 0.43
CIELCh	80, 51.193, 179.520
Yxy	57.3446, 0.2354, 0.3675
Android (android.graphics.Color)	4278247621 (0xFF00E0C5)
YUV	153.9460, 21.2256, -135.0106
Hunter-Lab	75.7248, -45.9291, 4.4984

Details

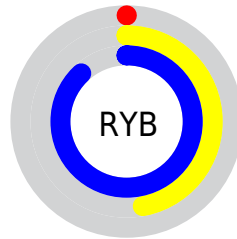
The HunterLab color **75.7248, -45.9291, 4.4984** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **39.9100, 68.5398, 24.2477**, and the grayscale version is **56.7829, -3.0298, 3.0851**.

A 20% lighter version of the original color is **90.5487, -40.0242, -6.3015**, and **54.7617, -34.0296, 5.0127** is the 20% darker color. If you saturate the color by 10%, you get **75.7259, -45.9311, 4.5013**, and if you desaturate by 10%, it is **75.9243, -44.9677, 3.4676**.

Distribution



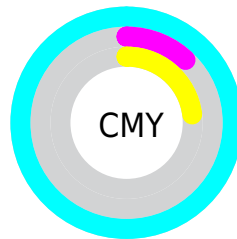
- Red (0%)
- Green (88%)
- Blue (77%)



- Red (0%)
- Yellow (47%)
- Blue (88%)



- Cyan (100%)
- Magenta (0%)
- Yellow (12%)
- Black (12%)





- Cyan (100%)
- Magenta (12%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.7248, -45.9291, 4.4984 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 75.7248, -45.9291, 4.4984 by changing the saturation by 10% instead.


 75.7248, -45.9291,
4.4984


 75.7248, -45.9291,
4.4984


203.6515,
-72.8095, 11.6106


 64.2511, -42.4981,
3.8544


 100.4828,
-52.4154, 5.8843


 53.4224, -38.9018,
3.2436


 113.7090,
-55.5122, 6.6218


 43.2813, -35.0968,
2.6687


 127.4694,
-58.5319, 7.3876

 33.8782, -31.0208,
2.1321

 141.7440,
-61.4859, 8.1809

 25.2762, -26.5801,
1.6368

 156.5150,
-64.3836, 9.0006

 17.5583, -21.6270,
1.1865

171.7661,

 10.8406, -18.9711,

-67.2327, 9.8459

0.7861

187.4828,
-70.0395, 10.7162

■ 2.0322, -3.5564,
0.9848

0.0000, NaN, NaN

■ 75.7248, -45.9291,
4.4984

■ 75.7248, -45.9291,
4.4984

■ 75.7259, -45.9311,
4.5013

■ 75.9243, -44.9677,
3.4676

■ 76.2567, -43.4689,
2.5885

■ 76.7645, -41.2793,
1.9188

■ 77.4683, -38.3345,
1.4895

■ 78.3831, -34.6012,
1.3231

■ 79.5190, -30.0732,
1.4340

■ 80.8819, -24.7666,
1.8291

■ 82.4742, -18.7164,
2.5087

■ 84.2955, -11.9718,
3.4671

Harmonies

Analogous

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



75.7262, -40.7862, 23.6460



75.7248, -45.9291, 4.4984



75.7262, -41.1035, -21.6929

Triad

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



75.7262, -45.9294, 4.4993



75.7262, 20.8098, -46.6802



75.7262, 21.5860, 33.6383

Complementary

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



75.7248, -45.9291, 4.4984



39.9100, 68.5398, 24.2477

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.



75.7262, 41.8793, 23.1772



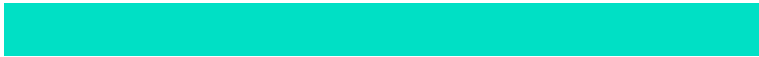
75.7248, -45.9291, 4.4984



75.7262, 41.3923, -22.5655

Square

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



75.7262, -45.9294, 4.4993



75.7262, -4.4418, -56.4109



75.7262, 49.5467, 3.7427



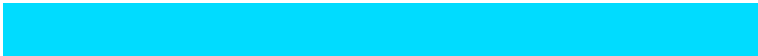
75.7262, -3.6466, 36.8145

Rectangle

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



75.7248, -45.9291, 4.4984



75.7262, -32.4790, -38.9307



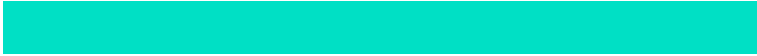
75.7262, 49.5467, 3.7427



75.7262, 29.3236, 31.0660

Sweetspot

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



75.7262, -45.9294, 4.4993



93.6399, -28.8408, 2.1039



73.2037, -61.8076, 44.0247



42.9982, -14.5966, 0.8663

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.7262, -45.9294, 4.4993



87.7016, -53.2402, 5.3110



49.6931, -3.9456, -53.5914



39.4239, -5.4150, 1.6470



57.7830, -34.9823, 3.2930



15.2396, -9.0491, 0.4862

Inverse Universe

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



39.9100, 68.5398, 24.2477



46.2143, 79.3545, 28.2257



46.8049, 46.8849, 29.6602



37.0503, 1.5224, 2.6024



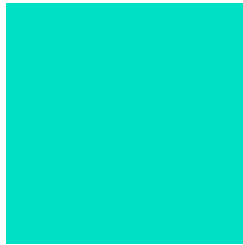
30.4618, 52.3471, 18.2857



8.0757, 13.9885, 3.9896

Previews

White Background



This preview shows how the HunterLab color 75.7248, -45.9291, 4.4984 looks on a white background.

Color Contrast Check

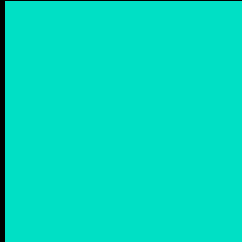
Large Text (above 18pt) WCAG AA × Fail

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 75.7248, -45.9291, 4.4984 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

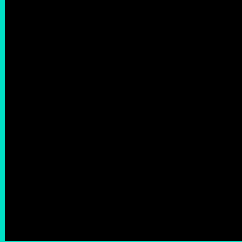
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

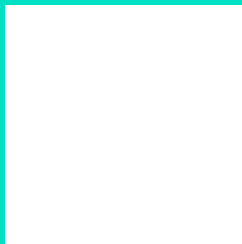
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.7248, -45.9291, 4.4984 Background



This preview shows how black text looks on a background with the HunterLab color 75.7248, -45.9291, 4.4984.



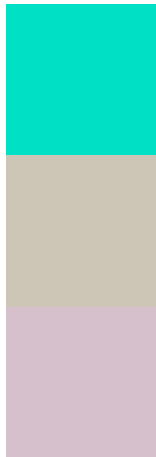
This preview shows how white text looks on a background with the HunterLab color 75.7248, -45.9291, 4.4984.

-45.9291, 4.4984.

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

75.7248, -45.9291, 4.4984

Protanopia

75.0260, -3.8037, 11.1904

Deuteranopia

75.0700, 5.3030, 1.2321



Tritanopia

75.5836, -33.0467, -16.2542

Trichromacy



Original Color

75.7248, -45.9291, 4.4984



Protanomaly

72.7732, -28.0420, 6.0484



Deuteranomaly

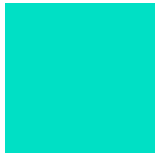
72.5514, -22.9206, -0.8533



Tritanomaly

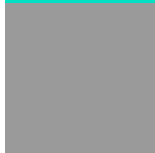
75.4138, -38.2969, -8.5326

Monochromacy



Original Color

75.7248, -45.9291, 4.4984



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

61.4322, -24.9489, 0.7134

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.7248, -45.9291, 4.4984 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, 224, 197)` looks like.

```
.text, #text, p{  
    color:rgb(0, 224, 197)  
}
```

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, 224, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 224, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 75.7248, -45.9291, 4.4984 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, 224, 197) }
```


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

```
.border{ border-color:rgb(0, 224, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 224, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 224, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 224, 197);  
box-shadow:4px 4px 4px 4px rgb(0, 224,  
197) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.7248, -45.9291, 4.4984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 224, 197) }
```

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

```
.background{ background-color: rgb(0, 224,  
197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor