

Converting Colors

HunterLab(67.5664, -44.9064,
12.4881)

Have a look what the booklet for
HunterLab(67.5664, -44.9064,
12.4881) contains.

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Color

**HunterLab(67.5680,
-44.8964, 12.4644)**

Conversions

Conversions Part 1

Format	Color
Hex	00CC9E
RGB	0, 204, 158
RGB Percent	0%, 80%, 62%
CMY	0.9999, 0.2000, 0.3804
CMYK	1.00, 0.00, 0.23, 0.20
HSL	166°, 100%, 40%
HSV	166°, 100%, 80%
XYZ	27.7644, 45.6543, 39.6966
YIQ	137.7600, -106.8180, -57.5540

Conversions

Conversions Part 2

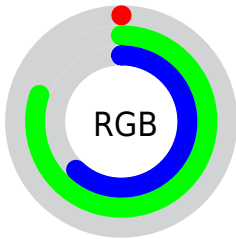
Format	Color
RYB	0, 115, 204
Decimal	52382
CIELab	73.32, -53.25, 11.13
CIELCh	73, 54.396, 168.198
Yxy	45.6561, 0.2455, 0.4036
Android (android.graphics.Color)	4278242462 (0xFF00CC9E)
YUV	137.7600, 9.9783, -120.8155
Hunter-Lab	67.5680, -44.8964, 12.4644

Details

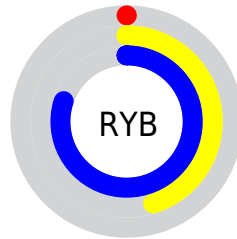
The HunterLab color **67.5680, -44.8964, 12.4644** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **36.1053, 62.3741, 19.0904**, and the grayscale version is **50.3142, -2.6846, 2.7337**.

A 20% lighter version of the original color is **88.9657, -48.8500, 12.0123**, and **47.4936, -32.7464, 11.3272** is the 20% darker color. If you saturate the color by 10%, you get **67.5690, -44.8983, 12.4672**, and if you desaturate by 10%, it is **67.8016, -43.7105, 10.8764**.

Distribution



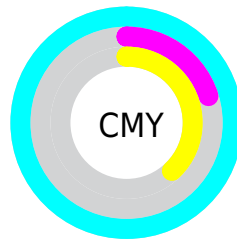
- Red (0%)
- Green (80%)
- Blue (62%)



- Red (0%)
- Yellow (45%)
- Blue (80%)



- Cyan (100%)
- Magenta (0%)
- Yellow (23%)
- Black (20%)



- Cyan (100%)
- Magenta (20%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.5680, -44.8964, 12.4644 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 67.5680, -44.8964, 12.4644 by changing the saturation by 10% instead.

67.5680, -44.8964,
12.4644

67.5680, -44.8964,
12.4644

192.2042,
-73.1210, 23.3807

56.5460, -41.2234,
11.2816

91.4900, -51.7833,
14.8334

46.1975, -37.3449,
10.0917

104.3261,
-55.0499, 16.0249

36.5708, -33.2029,
8.8872

117.7120,
-58.2242, 17.2243

27.7250, -28.7110,
7.6550

131.6260,
-61.3203, 18.4330

19.7362, -23.7359,
6.3737

146.0488,
-64.3495, 19.6523

12.7087, -20.8084,
5.0331

160.9630,

6.0642, -10.6124,

-67.3211, 20.8829

4.2450

176.3529,
-70.2428, 22.1255

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.5680, -44.8964,
12.4644

■ 67.5680, -44.8964,
12.4644

■ 67.5690, -44.8983,
12.4672

■ 67.8016, -43.7105,
10.8764

■ 68.1562, -42.0262,
9.3727

■ 68.6714, -39.7002,
8.0074

■ 69.3651, -36.6804,
6.8121

■ 70.2497, -32.9433,

5.8124

■ 71.3335, -28.4896,
5.0274

■ 72.6213, -23.3398,
4.4709

■ 74.1145, -17.5306,
4.1504

■ 75.8120, -11.1107,
4.0684

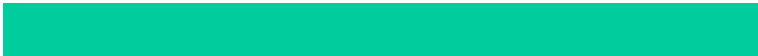
Harmonies

Analogous

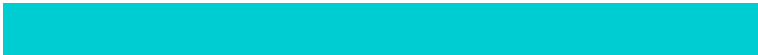
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.5693, -36.1494, 27.8030



67.5680, -44.8964, 12.4644



67.5693, -43.8499, -12.4083

Triad

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



67.5693, -44.8968, 12.4651



67.5693, 12.2453, -56.6137



67.5693, 31.9245, 29.8581

Complementary

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



67.5680, -44.8964, 12.4644



36.1053, 62.3741, 19.0904

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.



67.5693, 49.0228, 16.5795



67.5680, -44.8964, 12.4644



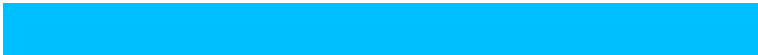
67.5693, 36.5613, -34.9544

Square

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



67.5693, -44.8968, 12.4651



67.5693, -13.2624, -59.0129



67.5693, 50.8345, -6.4750



67.5693, 6.6188, 35.0825

Rectangle

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



67.5680, -44.8964, 12.4644



67.5693, -37.7114, -31.6026



67.5693, 50.8345, -6.4750



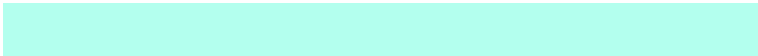
67.5693, 38.9731, 26.4723

Sweetspot

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



67.5693, -44.8968, 12.4651



93.3822, -30.3202, 5.7766



66.1865, -54.3502, 39.8316



42.8626, -15.3797, 2.7995

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.5693, -44.8968, 12.4651



86.9332, -57.8980, 16.3261



51.0375, -13.2677, -35.1493



35.6119, -5.0254, 1.9096



53.6189, -35.5366, 9.6944



12.2233, -7.7996, 1.5590

Inverse Universe

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



36.1053, 62.3741, 19.0904



46.4333, 80.1656, 24.9873



39.3898, 49.9855, 25.1457



33.5476, 1.4923, 1.9407



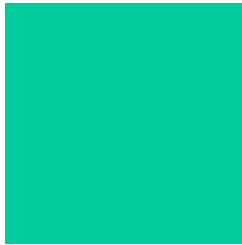
28.6635, 49.5615, 14.8444



6.6011, 11.5909, 2.0455

Previews

White Background



This preview shows how the HunterLab color 67.5680, -44.8964, 12.4644 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 67.5680, -44.8964, 12.4644 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

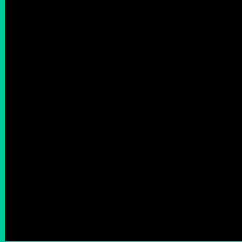
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

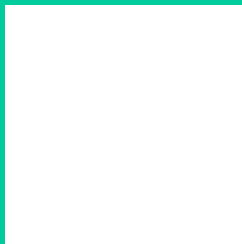
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.5680, -44.8964, 12.4644 Background



This preview shows how black text looks on a background with the HunterLab color 67.5680, -44.8964, 12.4644.



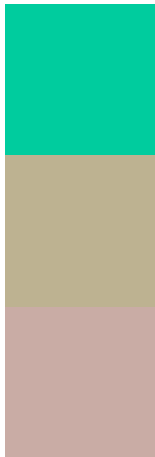
This preview shows how white text looks on a background with the HunterLab color 67.5680,

-44.8964, 12.4644.

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

67.5680, -44.8964, 12.4644

Protanopia

66.8610, -4.8319, 17.3601

Deuteranopia

66.8125, 4.9895, 9.6676



Tritanopia

67.6953, -28.5756, -13.9213

Trichromacy



Original Color

67.5680, -44.8964, 12.4644



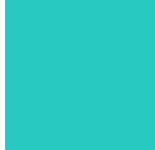
Protanomaly

64.6032, -27.3437, 12.8484



Deuteranomaly

64.4040, -22.4534, 7.8242



Tritanomaly

67.5501, -35.7822, -3.2851

Monochromacy



Original Color

67.5680, -44.8964, 12.4644



Achromatopsia

50.4135, -2.6899, 2.7391



Achromatomaly

54.7355, -23.8604, 4.2929

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.5680, -44.8964, 12.4644 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, 204, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 204, 158)  
}
```

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, 204, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 204, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 67.5680, -44.8964, 12.4644 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, 204, 158) }
```


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

```
.border{ border-color:rgb(0, 204, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 204, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 204, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 204, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 204,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.5680, -44.8964, 12.4644 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 204, 158) }
```

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

```
.background{ background-color: rgb(0, 204,  
158) }
```

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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