

Converting Colors

HunterLab(71.4209, -66.6945,
-1.3838)

Have a look what the booklet for
HunterLab(71.4209, -66.6945,
-1.3838) contains.

HunterLab(76.1102, -46.1401, 4.4720)	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(76.1102,
-46.1401, 4.4720)**

Conversions

Conversions Part 1

Format	Color
Hex	00E1C6
RGB	0, 225, 198
RGB Percent	0%, 88%, 78%
CMY	0.9998, 0.1176, 0.2235
CMYK	1.00, 0.00, 0.12, 0.12
HSL	173°, 100%, 44%
HSV	173°, 100%, 88%
XYZ	37.1182, 57.9276, 62.6509
YIQ	154.6470, -125.4330, -56.0970

Conversions

Conversions Part 2

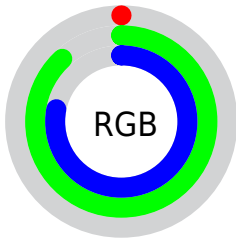
Format	Color
RYB	0, 120, 225
Decimal	57798
CIELab	80.70, -51.33, 0.37
CIELCh	81, 51.334, 179.583
Yxy	57.9298, 0.2354, 0.3673
Android (android.graphics.Color)	4278247878 (0xFF00E1C6)
YUV	154.6470, 21.3730, -135.6254
Hunter-Lab	76.1102, -46.1401, 4.4720

Details

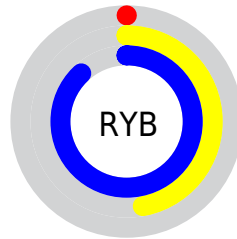
The HunterLab color **76.1102, -46.1401, 4.4720** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed cyan. A complement of this color would be **40.1102, 68.8821, 24.3851**, and the grayscale version is **57.0668, -3.0449, 3.1005**.

A 20% lighter version of the original color is **90.5842, -39.8161, -6.8030**, and **55.1267, -34.2310, 4.9913** is the 20% darker color. If you saturate the color by 10%, you get **76.1113, -46.1420, 4.4748**, and if you desaturate by 10%, it is **76.3100, -45.1773, 3.4398**.

Distribution



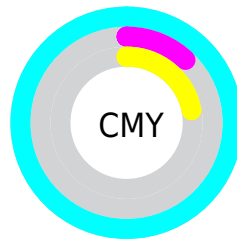
- Red (0%)
- Green (88%)
- Blue (78%)



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



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





- Cyan (100%)
- Magenta (12%)
- Yellow (22%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 76.1102, -46.1401, 4.4720 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 76.1102, -46.1401, 4.4720 by changing the saturation by 10% instead.


 76.1102, -46.1401,
4.4720


 76.1102, -46.1401,
4.4720


204.1873,
-73.0599, 11.5734

 64.6160, -42.7055,
3.8295


 100.9062,
-52.6347, 5.8552


 53.7655, -39.1061,
3.2203


 114.1502,
-55.7358, 6.5913

 43.6013, -35.2989,
2.6471


 127.9277,
-58.7599, 7.3560

 34.1731, -31.2221,
2.1124

 142.2188,
-61.7184, 8.1480

 25.5438, -26.7831,
1.6191

 157.0057,
-64.6206, 8.9666

 17.7954, -21.8362,
1.1711

172.2723,

 11.0427, -19.3247,

-67.4741, 9.8108

0.7734

188.0039,
-70.2854, 10.6800

■ 2.7833, -4.8708,
0.7085

0.0000, NaN, NaN

■ 76.1102, -46.1401,
4.4720

■ 76.1102, -46.1401,
4.4720

■ 76.1113, -46.1420,
4.4748

■ 76.3100, -45.1773,
3.4398

■ 76.6434, -43.6742,
2.5604

■ 77.1531, -41.4768,
1.8916

■ 77.8600, -38.5200,
1.4647

■ 78.7790, -34.7705,
1.3023

■ 79.9201, -30.2218,
1.4189

■ 81.2896, -24.8903,
1.8213

■ 82.8899, -18.8108,
2.5099

■ 84.7203, -12.0329,
3.4787

Harmonies

Analogous

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



76.1117, -40.9941, 23.7258



76.1102, -46.1401, 4.4720



76.1117, -41.2715, -21.8415

Triad

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



76.1117, -46.1404, 4.4729



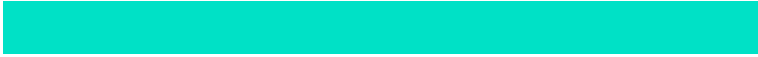
76.1117, 20.9498, -46.8388



76.1117, 21.6283, 33.8097

Complementary

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



76.1102, -46.1401, 4.4720



40.1102, 68.8821, 24.3851

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.



76.1117, 42.0291, 23.3159



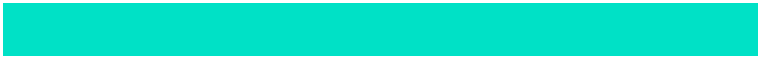
76.1102, -46.1401, 4.4720



76.1117, 41.6034, -22.6042

Square

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



76.1117, -46.1404, 4.4729



76.1117, -4.4125, -56.6498



76.1117, 49.7615, 3.8116



76.1117, -3.7173, 36.9884

Rectangle

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



76.1102, -46.1401, 4.4720



76.1117, -32.5944, -39.1445



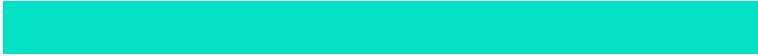
76.1117, 49.7615, 3.8116



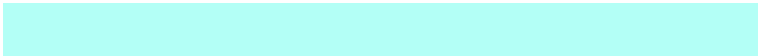
76.1117, 29.4041, 31.2301

Sweetspot

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



76.1117, -46.1404, 4.4729



93.6413, -28.8331, 2.0848



73.5724, -62.1218, 44.2465



42.9989, -14.5925, 0.8562

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



76.1117, -46.1404, 4.4729



87.7059, -53.2146, 5.2504



49.9369, -3.9544, -53.8774



39.4240, -5.4141, 1.6446



57.7858, -34.9658, 3.2539



15.2402, -9.0453, 0.4773

Inverse Universe

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



40.1102, 68.8821, 24.3851



46.2135, 79.3516, 28.2372



47.0347, 47.1386, 29.8063



37.0502, 1.5216, 2.6047



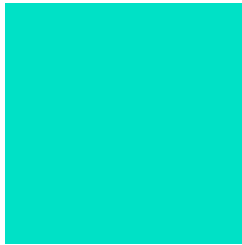
30.4612, 52.3450, 18.2943



8.0754, 13.9872, 3.9948

Previews

White Background



This preview shows how the HunterLab color 76.1102, -46.1401, 4.4720 looks on a white background.

Color Contrast Check

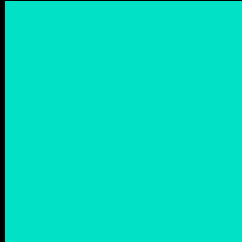
Large Text (above 18pt) WCAG AA × Fail

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 76.1102, -46.1401, 4.4720 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

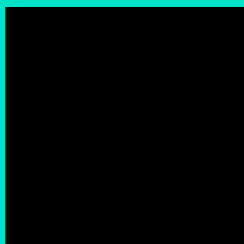
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

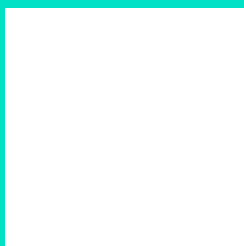
Any Text WCAG AAA ✓ Pass

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

HunterLab 76.1102, -46.1401, 4.4720 Background



This preview shows how black text looks on a background with the HunterLab color 76.1102, -46.1401, 4.4720.



This preview shows how white text looks on a background with the HunterLab color 76.1102, -46.1401, 4.4720.

-46.1401, 4.4720.

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

76.1102, -46.1401, 4.4720

Protanopia

75.4512, -3.8271, 11.2218

Deuteranopia

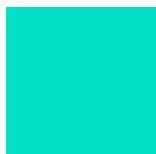
75.4949, 5.2880, 1.2522



Tritanopia

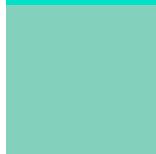
75.9856, -33.1813, -16.2755

Trichromacy



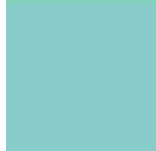
Original Color

76.1102, -46.1401, 4.4720



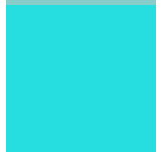
Protanomaly

73.1901, -28.1065, 6.0661



Deuteranomaly

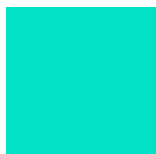
72.9694, -22.9768, -0.8409



Tritanomaly

75.7975, -38.5061, -8.5761

Monochromacy



Original Color

76.1102, -46.1401, 4.4720



Achromatopsia

57.2519, -3.0548, 3.1106



Achromatomaly

61.8348, -25.0227, 0.7218

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 76.1102, -46.1401, 4.4720 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, 225, 198)` looks like.

```
.text, #text, p{  
    color:rgb(0, 225, 198)  
}
```

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, 225, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 225, 198) }
```

Border

The CSS property to change the border of an element to HunterLab 76.1102, -46.1401, 4.4720 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, 225, 198) }
```


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

```
.border{ border-color:rgb(0, 225, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 225, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 225, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 225, 198);  
box-shadow:4px 4px 4px 4px rgb(0, 225,  
198) }
```

Background

The CSS property to change the background color of an element to HunterLab 76.1102, -46.1401, 4.4720 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 225, 198) }
```

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

```
.background{ background-color: rgb(0, 225,  
198) }
```

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