

Converting Colors

HunterLab(75.2870, -50.6548,
15.3572)

Have a look what the booklet for
HunterLab(75.2870, -50.6548,
15.3572) contains.

HunterLab(75.3682, -50.6569, 15.2457)	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(75.3682,
-50.6569, 15.2457)**

Conversions

Conversions Part 1

Format	Color
Hex	02E1AB
RGB	2, 225, 171
RGB Percent	1%, 88%, 67%
CMY	0.9920, 0.1176, 0.3294
CMYK	0.99, 0.00, 0.24, 0.12
HSL	165°, 98%, 45%
HSV	165°, 99%, 88%
XYZ	34.3010, 56.8037, 47.6845
YIQ	152.1670, -115.5740, -64.0700

Conversions

Conversions Part 2

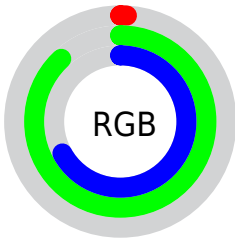
Format	Color
RYB	2, 129, 225
Decimal	188843
CIELab	80.07, -58.11, 13.76
CIELCh	80, 59.716, 166.682
Yxy	56.8059, 0.2471, 0.4093
Android (android.graphics.Color)	4278378923 (0xFF02E1AB)
YUV	152.1670, 9.2847, -131.6965
Hunter-Lab	75.3682, -50.6569, 15.2457

Details

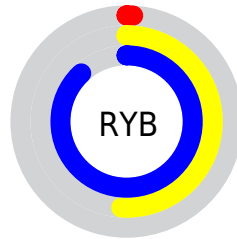
The HunterLab color **75.3682, -50.6569, 15.2457** is a dark color, and the websafe version is hex **00CC99**. The color can be described as middle washed spring green. A complement of this color would be **40.4203, 69.6480, 20.6323**, and the grayscale version is **56.1040, -2.9936, 3.0482**.

A 20% lighter version of the original color is **89.5540, -45.7538, 6.7456**, and **54.1638, -37.6667, 13.6115** is the 20% darker color. If you saturate the color by 10%, you get **75.3486, -50.7687, 15.4159**, and if you desaturate by 10%, it is **75.6344, -49.2944, 13.3605**.

Distribution



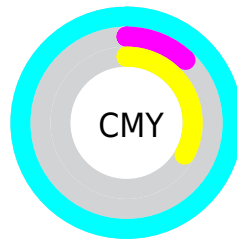
- Red (1%)
- Green (88%)
- Blue (67%)



- Red (1%)
- Yellow (51%)
- Blue (88%)



- Cyan (99%)
- Magenta (0%)
- Yellow (24%)
- Black (12%)





- Cyan (99%)
- Magenta (12%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 75.3682, -50.6569, 15.2457 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 75.3682, -50.6569, 15.2457 by changing the saturation by 10% instead.


 75.3682, -50.6569,
15.2457


 75.3682, -50.6569,
15.2457


203.1555,
-80.4725, 27.2164


 63.9135, -46.8033,
13.9227


 100.0909,
-57.9109, 17.8783


 53.1050, -42.7511,
12.5861


 113.3006,
-61.3599, 19.1941


 42.9855, -38.4493,
11.2280


 127.0451,
-64.7146, 20.5134

 33.6056, -33.8253,
9.8352

 141.3044,
-67.9887, 21.8381

 25.0290, -28.7709,
8.3874

 156.0606,
-71.1931, 23.1697

 17.3395, -23.2073,
6.8501

171.2975,

 10.6545, -18.6453,

-74.3370, 24.5094

6.0551

187.0002,
-77.4280, 25.8580

■ 0.8821, -1.5436,
0.6175

0.0000, NaN, NaN

■ 75.3682, -50.6569,
15.2457

■ 75.3682, -50.6569,
15.2457

■ 75.3486, -50.7687,
15.4159

■ 75.6344, -49.2944,
13.3605

■ 76.0465, -47.3292,
11.5685

■ 76.6420, -44.6303,
9.9233

■ 77.4407, -41.1407,
8.4611

■ 78.4565, -36.8360,
7.2116

■ 79.6986, -31.7193,
6.1976

■ 81.1718, -25.8163,
5.4354

■ 82.8776, -19.1708,
4.9349

■ 84.8145, -11.8400,
4.6996

Harmonies

Analogous

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



75.3697, -40.1991, 32.0125



75.3682, -50.6569, 15.2457



75.3697, -50.0348, -12.6209

Triad

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



75.3697, -50.6574, 15.2464



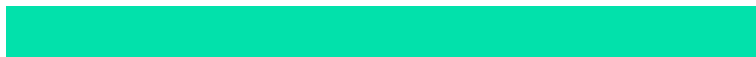
75.3697, 12.5209, -65.7210



75.3697, 37.8059, 33.2254

Complementary

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



75.3682, -50.6569, 15.2457



40.4203, 69.6480, 20.6323

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.



75.3697, 56.6244, 17.6994



75.3682, -50.6569, 15.2457



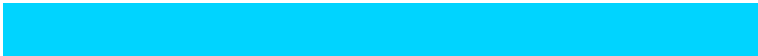
75.3697, 40.5938, -41.6669

Square

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



75.3697, -50.6574, 15.2464



75.3697, -16.3507, -67.1738



75.3697, 57.7151, -9.0549



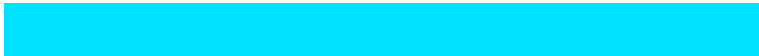
75.3697, 9.1462, 39.4475

Rectangle

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



75.3682, -50.6569, 15.2457



75.3697, -43.4578, -34.5903



75.3697, 57.7151, -9.0549



75.3697, 45.6685, 29.2548

Sweetspot

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



75.3697, -50.6574, 15.2464



93.3423, -30.5499, 6.3467



73.9930, -60.3267, 44.4913



42.8417, -15.5008, 3.0985

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



75.3697, -50.6574, 15.2464



86.8223, -58.5739, 17.9240



58.2429, -16.5628, -36.9185



39.3861, -5.6253, 2.1859



57.2135, -38.4355, 11.4594



15.1086, -9.8415, 2.3604

Inverse Universe

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



40.4203, 69.6480, 20.6323



46.4813, 80.3432, 24.2792



43.6072, 56.9888, 27.7890



37.0873, 1.7214, 2.0746



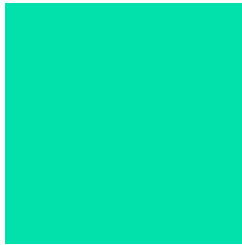
30.6527, 53.0534, 15.4678



8.1564, 14.2856, 2.8092

Previews

White Background



This preview shows how the HunterLab color 75.3682, -50.6569, 15.2457 looks on a white background.

Color Contrast Check

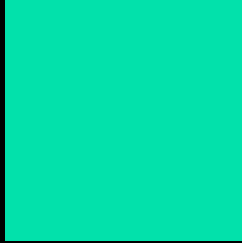
Large Text (above 18pt) WCAG AA × Fail

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 75.3682, -50.6569, 15.2457 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

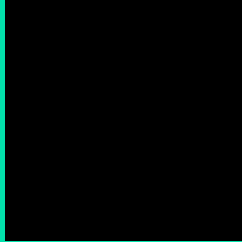
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

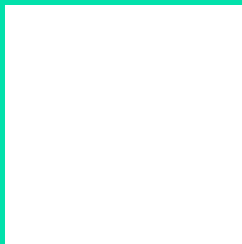
Any Text WCAG AAA ✓ Pass

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

HunterLab 75.3682, -50.6569, 15.2457 Background



This preview shows how black text looks on a background with the HunterLab color 75.3682, -50.6569, 15.2457.



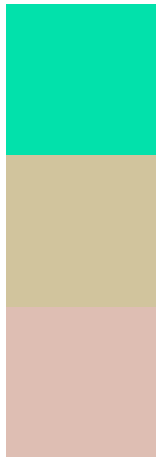
This preview shows how white text looks on a background with the HunterLab color 75.3682, -50.6569, 15.2457.

-50.6569, 15.2457.

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

75.3682, -50.6569, 15.2457

Protanopia

74.4778, -5.4204, 20.4046

Deuteranopia

74.5729, 5.1549, 12.1341



Tritanopia

75.4359, -32.0090, -15.2581

Trichromacy



Original Color

75.3682, -50.6569, 15.2457



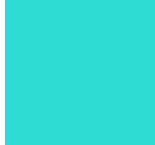
Protanomaly

72.3205, -31.1266, 15.9951



Deuteranomaly

71.8312, -25.4408, 9.9137



Tritanomaly

75.1468, -40.1086, -3.0209

Monochromacy



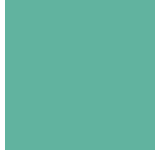
Original Color

75.3682, -50.6569, 15.2457



Achromatopsia

56.0347, -2.9899, 3.0445



Achromatomaly

61.0613, -27.0283, 5.3031

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 75.3682, -50.6569, 15.2457 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(2, 225, 171)` looks like.

```
.text, #text, p{  
    color:rgb(2, 225, 171)  
}
```

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(2, 225, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(2, 225, 171) }
```

Border

The CSS property to change the border of an element to HunterLab 75.3682, -50.6569, 15.2457 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(2, 225, 171) }
```


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

```
.border{ border-color:rgb(2, 225, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(2, 225, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(2, 225, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(2, 225, 171);  
box-shadow:4px 4px 4px 4px rgb(2, 225,  
171) }
```

Background

The CSS property to change the background color of an element to HunterLab 75.3682, -50.6569, 15.2457 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(2, 225, 171) }
```

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

```
.background{ background-color: rgb(2, 225,  
171) }
```

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