

Converting Colors

HunterLab(70.8599, -50.6016,
20.6656)

Have a look what the booklet for
HunterLab(70.8599, -50.6016,
20.6656) contains.

HunterLab(70.7861, -50.5437, 20.6329)	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(70.7861,
-50.5437, 20.6329)**

Conversions

Conversions Part 1

Format	Color
Hex	00D690
RGB	0, 214, 144
RGB Percent	0%, 84%, 56%
CMY	0.9999, 0.1608, 0.4353
CMYK	1.00, 0.00, 0.33, 0.16
HSL	160°, 100%, 42%
HSV	160°, 100%, 84%
XYZ	29.0806, 50.1067, 34.5243
YIQ	142.0340, -105.0740, -67.1380

Conversions

Conversions Part 2

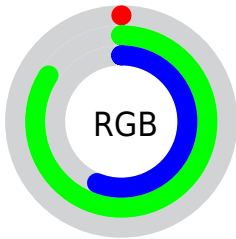
Format	Color
RYB	0, 128, 214
Decimal	54928
CIELab	76.14, -60.21, 22.47
CIELCh	76, 64.271, 159.533
Yxy	50.1087, 0.2557, 0.4406
Android (android.graphics.Color)	4278245008 (0xFF00D690)
YUV	142.0340, 0.9692, -124.5638
Hunter-Lab	70.7861, -50.5437, 20.6329

Details

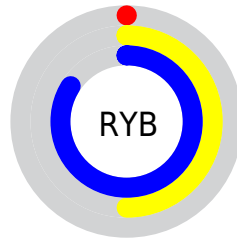
The HunterLab color **70.7861, -50.5437, 20.6329** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **38.3922, 66.8972, 15.8739**, and the grayscale version is **52.0529, -2.7774, 2.8281**.

A 20% lighter version of the original color is **88.6230, -51.0352, 17.9728**, and **50.2434, -37.4683, 18.0833** is the 20% darker color. If you saturate the color by 10%, you get **70.7872, -50.5456, 20.6356**, and if you desaturate by 10%, it is **71.0587, -49.1135, 18.4961**.

Distribution



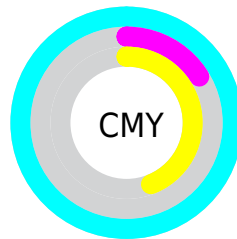
- Red (0%)
- Green (84%)
- Blue (56%)



- Red (0%)
- Yellow (50%)
- Blue (84%)



- Cyan (100%)
- Magenta (0%)
- Yellow (33%)
- Black (16%)



- Cyan (100%)
- Magenta (16%)
- Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.7861, -50.5437, 20.6329 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 70.7861, -50.5437, 20.6329 by changing the saturation by 10% instead.

70.7861, -50.5437,
20.6329

70.7861, -50.5437,
20.6329

196.7463,
-81.5739, 36.0733

59.5817, -46.4851,
18.8029

95.0452, -58.1460,
24.1793

49.0389, -42.1990,
16.9163

108.0384,
-61.7462, 25.9126

39.2037, -37.6248,
14.9537

121.5750,
-65.2404, 27.6281

30.1314, -32.6748,
12.8860

135.6341,
-68.6441, 29.3305

21.8923, -27.2173,
10.6685

150.1968,
-71.9698, 31.0235

14.5814, -22.7271,
8.6868

165.2464,

8.2419, -14.4233,

-75.2279, 32.7100

5.7693

180.7675,
-78.4269, 34.3926

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.7861, -50.5437,
20.6329

■ 70.7861, -50.5437,
20.6329

■ 70.7872, -50.5456,
20.6356

■ 71.0587, -49.1135,
18.4961

■ 71.4657, -47.1162,
16.3739

■ 72.0480, -44.4046,
14.3226

■ 72.8246, -40.9256,
12.3795

■ 73.8086, -36.6581,

10.5773

■ 75.0083, -31.6081,
8.9436

■ 76.4283, -25.8033,
7.5007

■ 78.0696, -19.2886,
6.2652

■ 79.9303, -12.1216,
5.2480

Harmonies

Analogous

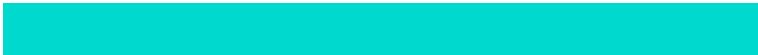
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



70.7875, -37.2035, 34.6719



70.7861, -50.5437, 20.6329



70.7875, -52.5944, -5.9627

Triad

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



70.7875, -50.5443, 20.6335



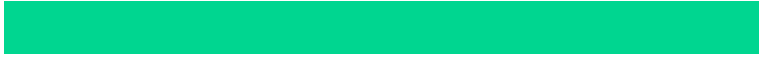
70.7875, 6.1374, -75.5763



70.7875, 47.0361, 30.8474

Complementary

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



70.7861, -50.5437, 20.6329



38.3922, 66.8972, 15.8739

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.



70.7875, 63.3877, 12.4378



70.7861, -50.5437, 20.6329



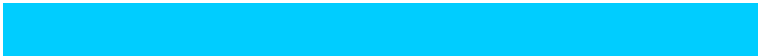
70.7875, 37.2884, -53.6633

Square

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



70.7875, -50.5443, 20.6335



70.7875, -23.0370, -70.2988



70.7875, 59.5478, -18.4147



70.7875, 17.7828, 38.6100

Rectangle

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



70.7861, -50.5437, 20.6329



70.7875, -47.7047, -29.3034



70.7875, 59.5478, -18.4147



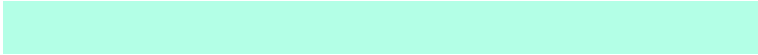
70.7875, 54.4300, 26.1041

Sweetspot

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



70.7875, -50.5443, 20.6335



93.1429, -31.6985, 9.1976



70.3191, -55.3541, 42.3607



42.7374, -16.1050, 4.5896

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.7875, -50.5443, 20.6335



86.3032, -61.7507, 25.4304



60.6890, -23.4797, -25.1688



37.4641, -5.4744, 2.4324



55.0509, -39.1853, 15.7810



13.5752, -9.2859, 3.0777

Inverse Universe

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



38.3922, 66.8972, 15.8739



46.7879, 81.4743, 19.7783



39.4202, 59.4059, 25.3296



35.3371, 1.7518, 1.6215



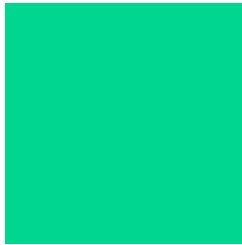
29.8757, 52.1151, 11.9242



7.4390, 13.1724, 1.4515

Previews

White Background



This preview shows how the HunterLab color 70.7861, -50.5437, 20.6329 looks on a white background.

Color Contrast Check

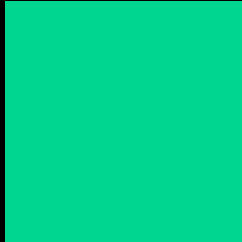
Large Text (above 18pt) WCAG AA × Fail

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 70.7861, -50.5437, 20.6329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

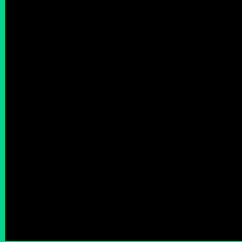
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

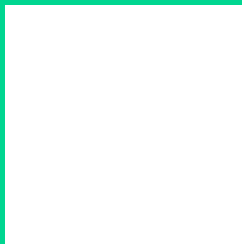
Any Text WCAG AAA ✓ Pass

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

HunterLab 70.7861, -50.5437, 20.6329 Background



This preview shows how black text looks on a background with the HunterLab color 70.7861, -50.5437, 20.6329.



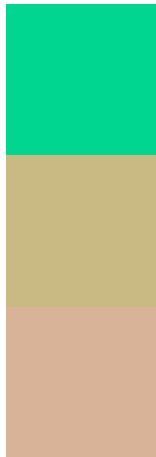
This preview shows how white text looks on a background with the HunterLab color 70.7861,

-50.5437, 20.6329.

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

70.7861, -50.5437, 20.6329

Protanopia

70.1436, -6.1720, 24.6621

Deuteranopia

70.0758, 5.0008, 18.1343



Tritanopia

70.6131, -28.8588, -14.4312

Trichromacy



Original Color

70.7861, -50.5437, 20.6329



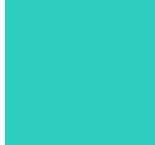
Protanomaly

67.7101, -31.2703, 20.7792



Deuteranomaly

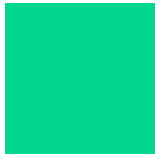
67.2217, -25.7853, 15.8915



Tritanomaly

70.4034, -38.6410, 0.2177

Monochromacy



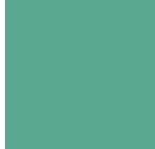
Original Color

70.7861, -50.5437, 20.6329



Achromatopsia

52.0094, -2.7751, 2.8258



Achromatomaly

56.7116, -26.2957, 7.3170

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.7861, -50.5437, 20.6329 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, 214, 144)` looks like.

```
.text, #text, p{  
    color:rgb(0, 214, 144)  
}
```

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, 214, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 214, 144) }
```

Border

The CSS property to change the border of an element to HunterLab 70.7861, -50.5437, 20.6329 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, 214, 144) }
```


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

```
.border{ border-color:rgb(0, 214, 144) }
```

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

Here you see how a box with a 4 pixel rgb(0, 214, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 214, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 214, 144);  
box-shadow:4px 4px 4px 4px rgb(0, 214,  
144) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.7861, -50.5437, 20.6329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 214, 144) }
```

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

```
.background{ background-color: rgb(0, 214,  
144) }
```

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