

Converting Colors

HunterLab(69.6533, -41.7627,
4.1358)

Have a look what the booklet for
HunterLab(69.6533, -41.7627,
4.1358) contains.

HunterLab(69.7562, -41.8448, 4.1729)	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(69.7562,
-41.8448, 4.1729)**

Conversions

Conversions Part 1

Format	Color
Hex	12D0B7
RGB	18, 208, 183
RGB Percent	7%, 82%, 72%
CMY	0.9293, 0.1843, 0.2823
CMYK	0.91, 0.00, 0.12, 0.18
HSL	172°, 84%, 44%
HSV	172°, 91%, 82%
XYZ	31.3526, 48.6593, 52.5394
YIQ	148.3400, -105.2150, -48.0550

Conversions

Conversions Part 2

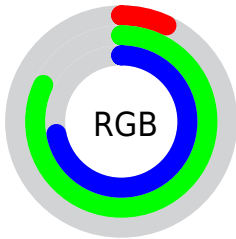
Format	Color
RYB	18, 120, 208
Decimal	1233079
CIELab	75.24, -47.80, 0.44
CIELCh	75, 47.799, 179.473
Yxy	48.6611, 0.2365, 0.3671
Android (android.graphics.Color)	4279423159 (0xFF12D0B7)
YUV	148.3400, 17.0874, -114.3082
Hunter-Lab	69.7562, -41.8448, 4.1729

Details

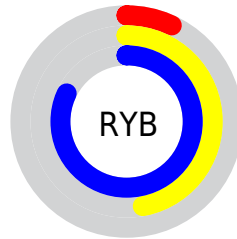
The HunterLab color **69.7562, -41.8448, 4.1729** is a dark color, and the websafe version is hex **00CCCC**. The color can be described as middle washed spring green. A complement of this color would be **37.4412, 61.6104, 20.5264**, and the grayscale version is **54.5233, -2.9092, 2.9624**.

A 20% lighter version of the original color is **89.9667, -43.3097, 0.8623**, and **49.3905, -30.7027, 4.5446** is the 20% darker color. If you saturate the color by 10%, you get **69.5948, -42.6418, 5.0640**, and if you desaturate by 10%, it is **70.0538, -40.4912, 3.2644**.

Distribution



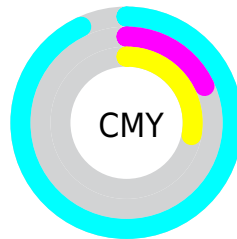
- Red (7%)
- Green (82%)
- Blue (72%)



- Red (7%)
- Yellow (47%)
- Blue (82%)



- Cyan (91%)
- Magenta (0%)
- Yellow (12%)
- Black (18%)



- Cyan (93%)
- Magenta (18%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 69.7562, -41.8448, 4.1729 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 69.7562, -41.8448, 4.1729 by changing the saturation by 10% instead.

■ 69.7562, -41.8448,
4.1729

■ 69.7562, -41.8448,
4.1729

195.2964,
-67.6032, 11.1620

■ 58.6095, -38.5433,
3.5455

■ 93.9084, -48.0704,
5.5277

■ 48.1281, -35.0730,
2.9523

■ 106.8518,
-51.0383, 6.2507

■ 38.3589, -31.3861,
2.3961

■ 120.3407,
-53.9307, 7.0025

■ 29.3580, -27.4121,
1.8797

■ 134.3537,
-56.7594, 7.7823

■ 21.1978, -23.0415,
1.4062

■ 148.8720,
-59.5339, 8.5889

■ 13.9759, -18.8792,
0.9799

163.8786,

■ 7.6164, -13.3288,

-62.2620, 9.4216

0.6539

179.3581,
-64.9499, 10.2796

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 69.7562, -41.8448,
4.1729

■ 69.7562, -41.8448,
4.1729

■ 69.5948, -42.6418,
5.0640

■ 70.0538, -40.4912,
3.2644

■ 70.5080, -38.5133,
2.5384

■ 71.1396, -35.8496,
2.0254

■ 71.9625, -32.4681,
1.7472

■ 72.9862, -28.3610,

1.7183

■ 74.2165, -23.5416,
1.9466

■ 75.6560, -18.0402,
2.4339

■ 77.3043, -11.9006,
3.1761

■ 79.1588, -5.1760,
4.1651

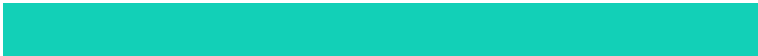
Harmonies

Analogous

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



69.7575, -37.1415, 21.5958



69.7562, -41.8448, 4.1729



69.7575, -37.4594, -19.5701

Triad

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



69.7575, -41.8451, 4.1737



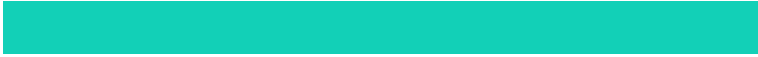
69.7575, 18.8009, -42.2282



69.7575, 19.5747, 30.7098

Complementary

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



69.7562, -41.8448, 4.1729



37.4412, 61.6104, 20.5264

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.



69.7575, 37.9582, 21.1253



69.7562, -41.8448, 4.1729



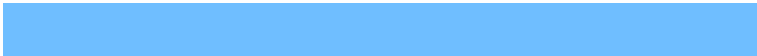
69.7575, 37.4732, -20.4380

Square

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



69.7575, -41.8451, 4.1737



69.7575, -4.1224, -50.9868



69.7575, 44.8823, 3.4184



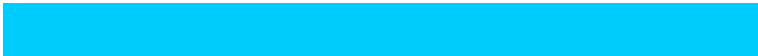
69.7575, -3.3284, 33.6367

Rectangle

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



69.7562, -41.8448, 4.1729



69.7575, -29.6107, -35.1664



69.7575, 44.8823, 3.4184



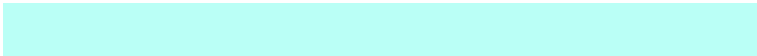
69.7575, 26.5883, 28.3477

Sweetspot

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



69.7575, -41.8451, 4.1737



94.1424, -26.9598, 2.6583



67.5858, -55.7413, 40.1672



43.2764, -13.5438, 1.1459

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



69.7575, -41.8451, 4.1737



87.6151, -53.7625, 6.5465



47.9156, -6.4649, -44.4306



36.5776, -5.0178, 1.5769



54.9511, -33.6072, 3.8643



13.0231, -7.7702, 0.4959

Inverse Universe

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



37.4412, 61.6104, 20.5264



46.2309, 79.4162, 27.9792



45.1462, 37.9742, 27.7307



34.3994, 1.4010, 2.3670



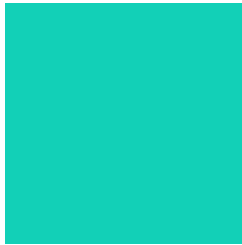
29.0109, 49.8836, 17.1829



6.9216, 12.0234, 3.1548

Previews

White Background



This preview shows how the HunterLab color 69.7562, -41.8448, 4.1729 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 69.7562, -41.8448, 4.1729 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

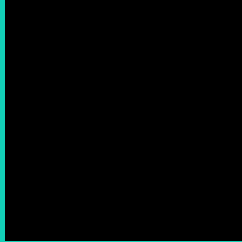
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

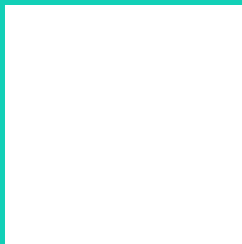
Any Text WCAG AAA ✓ Pass

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

HunterLab 69.7562, -41.8448, 4.1729 Background



This preview shows how black text looks on a background with the HunterLab color 69.7562, -41.8448, 4.1729.



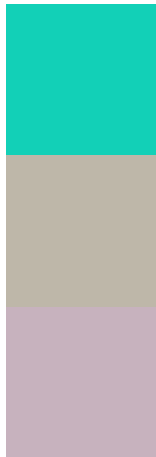
This preview shows how white text looks on a background with the HunterLab color 69.7562,

-41.8448, 4.1729.

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

69.7562, -41.8448, 4.1729

Protanopia

69.0498, -3.6545, 10.2535

Deuteranopia

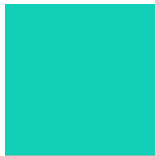
69.0656, 5.1756, 0.8285



Tritanopia

69.7827, -30.4700, -14.4746

Trichromacy



Original Color

69.7562, -41.8448, 4.1729



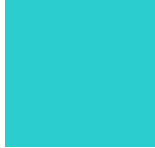
Protanomaly

67.2810, -24.2428, 5.7455



Deuteranomaly

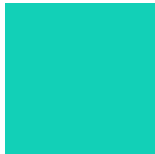
67.0594, -19.2922, -0.5829



Tritanomaly

69.7370, -35.0942, -7.2878

Monochromacy



Original Color

69.7562, -41.8448, 4.1729



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

58.3861, -22.1538, 1.3492

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 69.7562, -41.8448, 4.1729 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(18, 208, 183)` looks like.

```
.text, #text, p{  
    color:rgb(18, 208, 183)  
}
```

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(18, 208, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(18, 208, 183) }
```

Border

The CSS property to change the border of an element to HunterLab 69.7562, -41.8448, 4.1729 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(18, 208, 183) }
```


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

```
.border{ border-color:rgb(18, 208, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(18, 208, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(18, 208, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(18, 208, 183); box-shadow:4px 4px 4px 4px rgb(18, 208, 183) }
```

Background

The CSS property to change the background color of an element to HunterLab 69.7562, -41.8448, 4.1729 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(18, 208, 183) }
```

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

```
.background{ background-color: rgb(18, 208,  
183) }
```

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