

Converting Colors

HunterLab(71.3142, -50.1397,
22.6606)

Have a look what the booklet for
HunterLab(71.3142, -50.1397,
22.6606) contains.

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Color

**HunterLab(71.3555,
-50.2363, 22.7936)**

Conversions

Conversions Part 1

Format	Color
Hex	28D78B
RGB	40, 215, 139
RGB Percent	16%, 84%, 55%
CMY	0.8431, 0.1568, 0.4549
CMYK	0.81, 0.00, 0.35, 0.16
HSL	154°, 69%, 50%
HSV	154°, 81%, 84%
XYZ	29.8357, 50.9161, 32.6813
YIQ	154.0110, -79.9040, -60.7360

Conversions

Conversions Part 2

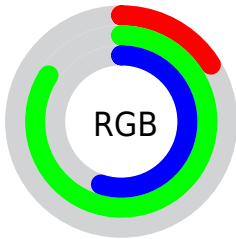
Format	Color
RYB	40, 152, 215
Decimal	2676619
CIELab	76.63, -59.45, 25.80
CIELCh	77, 64.805, 156.544
Yxy	50.9181, 0.2630, 0.4489
Android (android.graphics.Color)	4280866699 (0xFF28D78B)
YUV	154.0110, -7.4004, -99.9876
Hunter-Lab	71.3555, -50.2363, 22.7936

Details

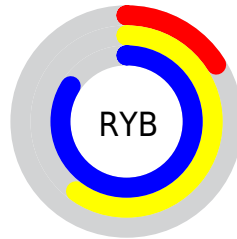
The HunterLab color **71.3555, -50.2363, 22.7936** is a dark color, and the websafe version is hex **00CC99**. The color can be described as dark washed spring green. A complement of this color would be **41.5052, 64.7175, 3.1016**, and the grayscale version is **56.9043, -3.0363, 3.0917**.

A 20% lighter version of the original color is **88.9288, -50.0692, 20.2839**, and **50.4984, -38.3213, 19.6061** is the 20% darker color. If you saturate the color by 10%, you get **70.9500, -52.2915, 25.2537**, and if you desaturate by 10%, it is **71.9443, -47.4273, 20.2960**.

Distribution



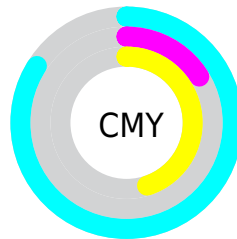
- Red (16%)
- Green (84%)
- Blue (55%)



- Red (16%)
- Yellow (60%)
- Blue (84%)



- Cyan (81%)
- Magenta (0%)
- Yellow (35%)
- Black (16%)



- Cyan (84%)
- Magenta (16%)
- Yellow (45%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.3555, -50.2363, 22.7936 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 71.3555, -50.2363, 22.7936 by changing the saturation by 10% instead.

■ 71.3555, -50.2363,
22.7936

■ 71.3555, -50.2363,
22.7936

197.5463,
-80.8944, 39.5976

■ 60.1194, -46.2357,
20.7676

■ 95.6733, -57.7370,
26.6962

■ 49.5429, -42.0138,
18.6699

■ 108.6938,
-61.2918, 28.5932

■ 39.6716, -37.5121,
16.4781

■ 122.2567,
-64.7433, 30.4644

■ 30.5601, -32.6456,
14.1588

■ 136.3410,
-68.1068, 32.3155

■ 22.2780, -27.2867,
11.6624

■ 150.9281,
-71.3945, 34.1510

■ 14.9185, -22.5356,
9.6438

166.0013,

■ 8.5669, -14.9920,

-74.6163, 35.9746

5.9968

181.5453,
-77.7806, 37.7893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.3555, -50.2363,
22.7936

■ 71.3555, -50.2363,
22.7936

■ 70.9500, -52.2915,
25.2537

■ 71.9443, -47.4273,
20.2960

■ 70.7097, -53.5859,
27.2955


■ 72.7321, -43.8058,
17.7995


■ 73.7339, -39.3511,
15.3421


■ 74.9583, -34.0711,
12.9589


■ 76.4100, -27.9972,

10.6811

 78.0898, -21.1793,
8.5350

 79.9955, -13.6805,
6.5423

 82.1225, -5.5719,
4.7187

 84.4643, 3.0724,
3.0752

Harmonies

Analogous

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



71.3569, -35.6290, 35.8454



71.3555, -50.2363, 22.7936



71.3569, -53.4404, -2.8068

Triad

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



71.3569, -50.2370, 22.7942



71.3569, 3.0320, -77.3046



71.3569, 49.9929, 29.8567

Complementary

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



71.3555, -50.2363, 22.7936



41.5052, 64.7175, 3.1016

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.



71.3569, 64.7055, 9.9840



71.3555, -50.2363, 22.7936



71.3569, 34.7912, -57.4511

Square

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



71.3569, -50.2370, 22.7942



71.3569, -25.7925, -69.0844



71.3569, 58.7187, -22.2363



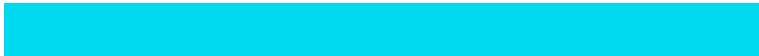
71.3569, 21.2019, 38.5539

Rectangle

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



71.3555, -50.2363, 22.7936



71.3569, -49.2602, -25.9947



71.3569, 58.7187, -22.2363



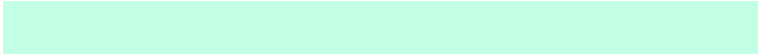
71.3569, 56.9523, 24.6745

Sweetspot

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



71.3569, -50.2370, 22.7942



94.1211, -28.1284, 11.0750



72.5676, -47.6443, 42.2411



43.2039, -14.3957, 5.5562

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



71.3569, -50.2370, 22.7942



85.8154, -64.7939, 32.8241



70.4433, -33.8933, -11.2995



37.4333, -5.6460, 2.8721



54.7044, -41.3193, 20.8206



13.4961, -9.7704, 4.2224

Inverse Universe

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



41.5052, 64.7175, 3.1016



47.5155, 83.3122, 11.0096



40.9600, 56.8640, 23.3281



35.3688, 1.9217, 1.1709



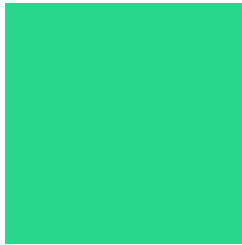
30.2295, 53.4133, 6.7862



7.5340, 13.5185, 0.0914

Previews

White Background



This preview shows how the HunterLab color 71.3555, -50.2363, 22.7936 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 71.3555, -50.2363, 22.7936 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

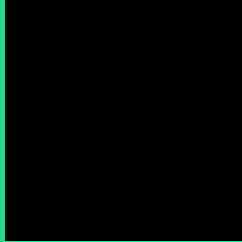
Any Text WCAG AA ✓ Pass

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 71.3555, -50.2363, 22.7936 Background



This preview shows how black text looks on a background with the HunterLab color 71.3555, -50.2363, 22.7936.



This preview shows how white text looks on a background with the HunterLab color 71.3555,

-50.2363, 22.7936.

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

71.3555, -50.2363, 22.7936

Protanopia

70.5475, -6.4872, 26.4828

Deuteranopia

70.5756, 4.9790, 20.3858



Tritanopia

71.2516, -28.1431, -13.5104

Trichromacy



Original Color

71.3555, -50.2363, 22.7936



Protanomaly

68.9206, -28.5010, 23.4973



Deuteranomaly

68.5737, -22.5712, 19.0463



Tritanomaly

71.1277, -37.6715, 2.0821

Monochromacy



Original Color

71.3555, -50.2363, 22.7936



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

60.6064, -24.3008, 9.1037

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 71.3555, -50.2363, 22.7936 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(40, 215, 139)` looks like.

```
.text, #text, p{  
  color:rgb(40, 215, 139)  
}
```

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(40, 215, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 215, 139) }
```

Border

The CSS property to change the border of an element to HunterLab 71.3555, -50.2363, 22.7936 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(40, 215, 139) }
```


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

```
.border{ border-color:rgb(40, 215, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 215, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 215, 139); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 215, 139);  
box-shadow:4px 4px 4px 4px rgb(40, 215,  
139) }
```

Background

The CSS property to change the background color of an element to HunterLab 71.3555, -50.2363, 22.7936 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 215, 139) }
```

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

```
.background{ background-color: rgb(40, 215,  
139) }
```

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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