

# Converting Colors

HunterLab(75.2923, -48.9229,  
21.9944)

Have a look what the booklet for  
HunterLab(75.2923, -48.9229,  
21.9944) contains.

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# Color

**HunterLab(75.1391,  
-48.8160, 22.0058)**

# Conversions

## Conversions Part 1

Format	Color
Hex	49DF98
RGB	73, 223, 152
RGB Percent	29%, 87%, 60%
CMY	0.7137, 0.1255, 0.4039
CMYK	0.67, 0.00, 0.32, 0.13
HSL	152°, 70%, 58%
HSV	152°, 67%, 87%
XYZ	34.8028, 56.4588, 38.7692
YIQ	170.0560, -66.6090, -53.8810

# Conversions

## Conversions Part 2

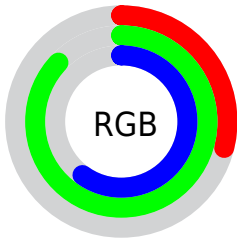
Format	Color
<a href="#">RYB</a>	<a href="#">73, 171, 223</a>
Decimal	<a href="#">4841368</a>
CIELab	<a href="#">79.88, -55.54, 23.55</a>
CIELCh	<a href="#">80, 60.328, 157.027</a>
Yxy	<a href="#">56.4611, 0.2677, 0.4342</a>
Android (android.graphics.Color)	<a href="#">4283031448 (0xFF49DF98)</a>
YUV	<a href="#">170.0560, -8.9016, -85.1181</a>
Hunter-Lab	<a href="#">75.1391, -48.8160, 22.0058</a>

# Details

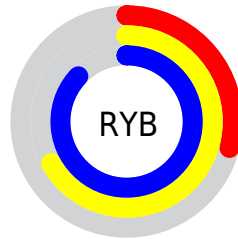
The HunterLab color **75.1391, -48.8160, 22.0058** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **47.4003, 59.5841, -2.7556**, and the grayscale version is **63.4818, -3.3872, 3.4491**.

A 20% lighter version of the original color is **90.1906, -44.3514, 15.9921**, and **53.4575, -39.5650, 18.5924** is the 20% darker color. If you saturate the color by 10%, you get **74.4379, -52.1401, 24.7451**, and if you desaturate by 10%, it is **76.0626, -44.6112, 19.2404**.

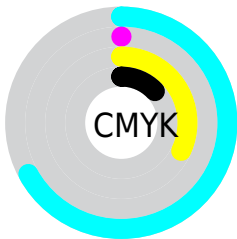
# Distribution



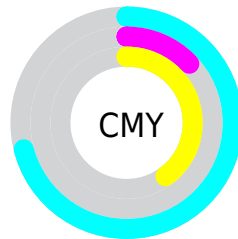
- Red (29%)
- Green (87%)
- Blue (60%)



- Red (29%)
- Yellow (67%)
- Blue (87%)



- Cyan (67%)
- Magenta (0%)
- Yellow (32%)
- Black (13%)




- Cyan (71%)
- Magenta (13%)
- Yellow (40%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 75.1391, -48.8160, 22.0058 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 75.1391, -48.8160, 22.0058 by changing the saturation by 10% instead.





 75.1391, -48.8160,  
22.0058


 75.1391, -48.8160,  
22.0058


202.8366,  
-77.5585, 37.8346

 63.6967, -45.1155,  
20.1307


 99.8391, -55.7915,  
25.6428


 52.9012, -41.2271,  
18.2001


 113.0381,  
-59.1120, 27.4208

 42.7956, -37.1028,  
16.1959


 126.7725,  
-62.3442, 29.1803

 33.4307, -32.6726,  
14.0917

 141.0219,  
-65.5010, 30.9260

 24.8705, -27.8327,  
11.8476

155.7686,  
-68.5929, 32.6616

 17.1993, -22.4660,  
9.4554

170.9962,

 10.5353, -18.4368,

-71.6285, 34.3900

7.3747

186.6900,  
-74.6150, 36.1136

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 75.1391, -48.8160,  
22.0058

■ 75.1391, -48.8160,  
22.0058

■ 74.4379, -52.1401,  
24.7451

■ 76.0626, -44.6112,  
19.2404

■ 73.9363, -54.6242,  
27.4149

■ 77.2159, -39.5154,  
16.4870

■ 73.6078, -56.3647,  
29.9711


■ 78.6075, -33.5504,  
13.7837


■ 73.5339, -56.7688,  
30.6365


■ 80.2406, -26.7601,  
11.1645


■ 82.1143, -19.2060,

8.6588

 84.2250, -10.9608,  
6.2905

 86.5668, -2.1036,  
4.0782

 89.1316, 7.2853,  
2.0348

 89.8627, 10.4247,  
-2.5048

# Harmonies

## Analogous

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



75.1406, -34.7651, 35.3366



75.1391, -48.8160, 22.0058



75.1406, -51.7841, -2.7016

# Triad

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



75.1406, -48.8168, 22.0064



75.1406, 2.9395, -70.0191



75.1406, 45.9557, 29.5586

# Complementary

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



75.1391, -48.8160, 22.0058



47.4003, 59.5841, -2.7556

# 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.



75.1406, 59.8140, 10.3016



75.1391, -48.8160, 22.0058



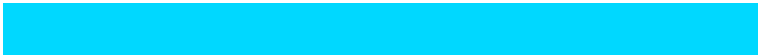
75.1406, 32.6495, -51.8643

# Square

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



75.1406, -48.8168, 22.0064



75.1406, -24.5860, -63.0783



75.1406, 54.6076, -19.7315



75.1406, 19.0424, 38.3981



# Rectangle

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



75.1391, -48.8160, 22.0058



75.1406, -47.5599, -24.2673



75.1406, 54.6076, -19.7315



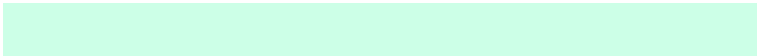
75.1406, 52.4679, 24.4428

# Sweetspot

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



75.1406, -48.8168, 22.0064



94.9310, -24.9821, 10.9062



77.0222, -43.5773, 41.8451



43.6311, -12.7181, 5.4266

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



75.1406, -48.8168, 22.0064



86.3722, -62.0673, 30.1680



76.2862, -35.7096, -7.8784



39.3157, -6.0172, 3.1901



56.4052, -43.4029, 23.1927



14.9109, -11.0517, 5.2203



# Inverse Universe

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



47.4003, 59.5841, -2.7556



50.4906, 79.6421, 0.4679



46.1199, 51.6009, 21.2181



37.1592, 2.1074, 1.0508



31.3898, 55.7596, 4.7519

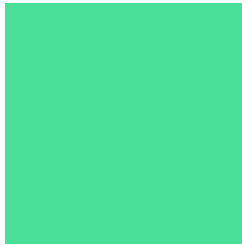


8.3724, 15.0737, -0.2928



# Previews

## White Background



This preview shows how the HunterLab color 75.1391, -48.8160, 22.0058 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 75.1391, -48.8160, 22.0058 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

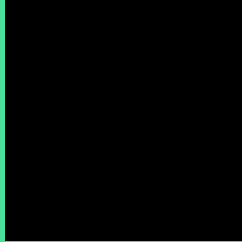
Any Text WCAG AA ✓ Pass

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 75.1391, -48.8160, 22.0058 Background



This preview shows how black text looks on a background with the HunterLab color 75.1391, -48.8160, 22.0058.



This preview shows how white text looks on a background with the HunterLab color 75.1391,

-48.8160, 22.0058.

# 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

75.1391, -48.8160, 22.0058

### Protanopia

74.3116, -6.7302, 25.8771

### Deuteranopia

74.4495, 5.2681, 19.4819



## Tritanopia

74.9176, -27.3269, -13.5613

# Trichromacy



## Original Color

75.1391, -48.8160, 22.0058



## Protanomaly

73.3030, -26.4851, 23.3637



## Deuteranomaly

72.7862, -19.5057, 18.5254



## Tritanomaly

74.9094, -36.2816, 1.2975

# Monochromacy



## Original Color

75.1391, -48.8160, 22.0058



## Achromatopsia

63.4017, -3.3830, 3.4447



## Achromatomaly

66.4759, -22.8880, 9.6567

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 75.1391, -48.8160, 22.0058 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(73, 223, 152)` looks like.

```
.text, #text, p{  
    color:rgb(73, 223, 152)  
}
```

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(73, 223, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(73, 223, 152) }
```

## Border

The CSS property to change the border of an element to HunterLab 75.1391, -48.8160, 22.0058 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(73, 223, 152) }
```



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

```
.border{ border-color:rgb(73, 223, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(73, 223, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(73, 223, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(73, 223, 152);  
box-shadow:4px 4px 4px 4px rgb(73, 223,  
152) }
```

# Background

The CSS property to change the background color of an element to HunterLab 75.1391, -48.8160, 22.0058 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(73, 223, 152) }
```

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

```
.background{ background-color: rgb(73, 223,  
152) }
```

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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