

# Converting Colors

HunterLab(71.9607, -43.9976,  
5.4635)

Have a look what the booklet for  
HunterLab(71.9607, -43.9976,  
5.4635) contains.

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# Color

**HunterLab(71.9002,  
-43.8443, 5.2300)**

# Conversions

## Conversions Part 1

Format	Color
Hex	09D6BA
RGB	9, 214, 186
RGB Percent	4%, 84%, 73%
CMY	0.9646, 0.1608, 0.2706
CMYK	0.96, 0.00, 0.13, 0.16
HSL	172°, 92%, 44%
HSV	172°, 96%, 84%
XYZ	33.0222, 51.6964, 54.6923
YIQ	149.5130, -113.1920, -52.1680

# Conversions

## Conversions Part 2

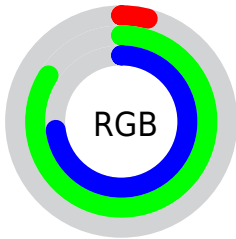
Format	Color
<a href="#">RYB</a>	<a href="#">9, 119, 214</a>
Decimal	<a href="#">644794</a>
CIELab	<a href="#">77.10, -49.79, 1.53</a>
CIELCh	<a href="#">77, 49.812, 178.237</a>
Yxy	<a href="#">51.6984, 0.2369, 0.3708</a>
Android (android.graphics.Color)	<a href="#">4278834874</a> (0xFF09D6BA)
YUV	<a href="#">149.5130, 17.9881, -123.2299</a>
Hunter-Lab	<a href="#">71.9002, -43.8443, 5.2300</a>

# Details

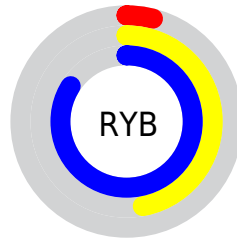
The HunterLab color **71.9002, -43.8443, 5.2300** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle washed spring green. A complement of this color would be **38.2448, 64.5269, 21.9776**, and the grayscale version is **54.9967, -2.9345, 2.9881**.

A 20% lighter version of the original color is **90.0661, -42.7234, -0.5493**, and **51.1343, -32.0246, 5.2185** is the 20% darker color. If you saturate the color by 10%, you get **71.8246, -44.2281, 5.7012**, and if you desaturate by 10%, it is **72.1445, -42.6921, 4.1767**.

# Distribution



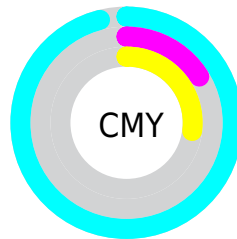
- Red (4%)
- Green (84%)
- Blue (73%)



- Red (4%)
- Yellow (47%)
- Blue (84%)



- Cyan (96%)
- Magenta (0%)
- Yellow (13%)
- Black (16%)




- Cyan (96%)
- Magenta (16%)
- Yellow (27%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 71.9002, -43.8443, 5.2300 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 71.9002, -43.8443, 5.2300 by changing the saturation by 10% instead.





 71.9002, -43.8443,  
5.2300

 71.9002, -43.8443,  
5.2300


198.3106,  
-70.3345, 12.6503

 60.6339, -40.4490,  
4.5433


 96.2737, -50.2496,  
6.6945


 50.0254, -36.8825,  
3.8870


 109.3203,  
-53.3032, 7.4686


 40.1198, -33.0978,  
3.2632


 122.9082,  
-56.2788, 8.2695

 30.9711, -29.0263,  
2.6733

 137.0165,  
-59.1884, 9.0965

 22.6480, -24.5632,  
2.1190

 151.6269,  
-62.0415, 9.9487

 15.2425, -19.8365,  
1.6014

166.7226,

 8.8658, -15.5152,

-64.8461, 10.8255

1.1992

182.2884,  
-67.6086, 11.7262

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 71.9002, -43.8443,  
5.2300

■ 71.9002, -43.8443,  
5.2300

■ 71.8246, -44.2281,  
5.7012

■ 72.1445, -42.6921,  
4.1767

■ 72.5394, -40.9342,  
3.2930

■ 73.1098, -38.4899,  
2.6151

■ 73.8726, -35.3129,  
2.1694

■ 74.8396, -31.3843,

1.9747

■ 76.0185, -26.7088,  
2.0427

■ 77.4133, -21.3107,  
2.3783

■ 79.0251, -15.2299,  
2.9805

■ 80.8520, -8.5179,  
3.8427

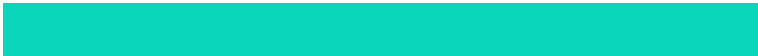
# Harmonies

## Analogous

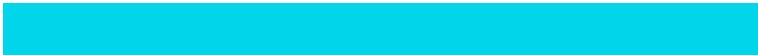
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.9016, -38.5303, 23.1478



71.9002, -43.8443, 5.2300



71.9016, -39.6438, -19.6792

# Triad

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



71.9016, -43.8446, 5.2308



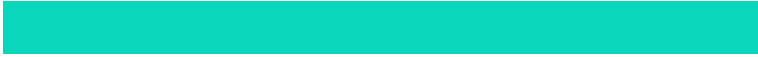
71.9016, 18.9383, -45.5131



71.9016, 21.6690, 31.8132

# Complementary

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



71.9002, -43.8443, 5.2300



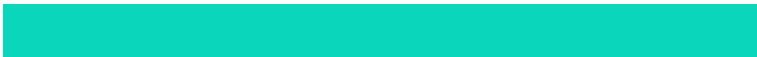
38.2448, 64.5269, 21.9776

# 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.



71.9016, 40.7161, 21.5036



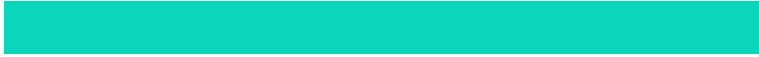
71.9002, -43.8443, 5.2300



71.9016, 39.0018, -22.7521

# Square

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



71.9016, -43.8446, 5.2308



71.9016, -5.2328, -54.0605



71.9016, 47.4305, 2.5714

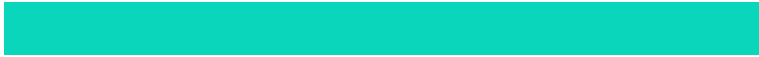


71.9016, -2.4372, 35.0940

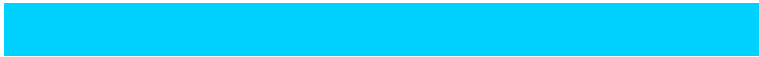


# Rectangle

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



71.9002, -43.8443, 5.2300



71.9016, -31.6641, -36.3550



71.9016, 47.4305, 2.5714



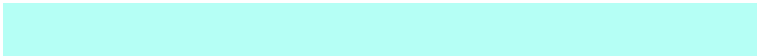
71.9016, 28.9863, 29.2611

# Sweetspot

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



71.9016, -43.8446, 5.2308



93.7743, -28.3972, 2.7193



69.6860, -58.0066, 41.7039



43.0487, -14.4388, 1.1808

0.0000, NaN, NaN

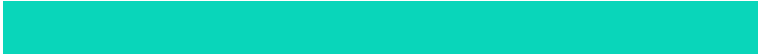


46.2646, -2.4686, 2.5136



# Same Dimension

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



71.9016, -43.8446, 5.2308



87.5762, -53.9971, 7.1016



49.3341, -6.8660, -46.1804



37.5198, -5.1642, 1.6377



55.8496, -34.3230, 4.2863



13.7462, -8.2482, 0.6240



# Inverse Universe

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



38.2448, 64.5269, 21.9776



46.2389, 79.4459, 27.8604



44.9087, 43.4648, 28.0909



35.2819, 1.4549, 2.4089



29.5031, 50.7393, 17.4027

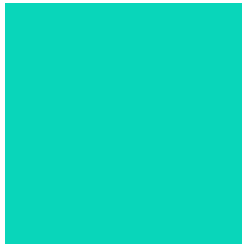


7.3087, 12.6939, 3.3462



# Previews

## White Background



This preview shows how the HunterLab color 71.9002, -43.8443, 5.2300 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 71.9002, -43.8443, 5.2300 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

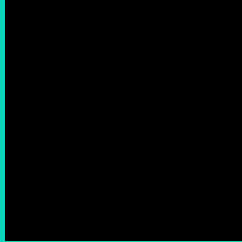
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

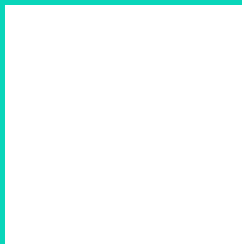
Any Text WCAG AAA ✓ Pass

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

## HunterLab 71.9002, -43.8443, 5.2300 Background



This preview shows how black text looks on a background with the HunterLab color 71.9002, -43.8443, 5.2300.



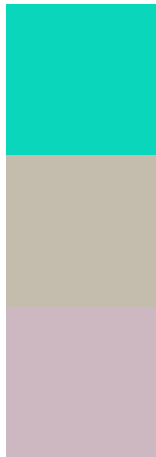
This preview shows how white text looks on a background with the HunterLab color 71.9002,

-43.8443, 5.2300.

# 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

71.9002, -43.8443, 5.2300

### Protanopia

71.1904, -3.7421, 11.2963

### Deuteranopia

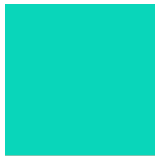
71.2014, 5.0983, 1.9513



## Tritanopia

71.7269, -31.2254, -15.2315

# Trichromacy



## Original Color

71.9002, -43.8443, 5.2300



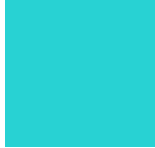
## Protanomaly

69.0623, -25.7342, 6.3961



## Deuteranomaly

68.8256, -20.8083, 0.0799



## Tritanomaly

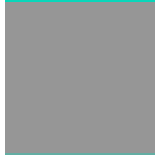
71.5873, -36.3124, -7.5654

# Monochromacy



## Original Color

71.9002, -43.8443, 5.2300



## Achromatopsia

55.2257, -2.9467, 3.0005



## Achromatomaly

59.3162, -23.4551, 1.5047

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 71.9002, -43.8443, 5.2300 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(9, 214, 186)` looks like.

```
.text, #text, p{  
    color:rgb(9, 214, 186)  
}
```

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(9, 214, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(9, 214, 186) }
```

## Border

The CSS property to change the border of an element to HunterLab 71.9002, -43.8443, 5.2300 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(9, 214, 186) }
```



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

```
.border{ border-color:rgb(9, 214, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(9, 214, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(9, 214, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(9, 214, 186);  
box-shadow:4px 4px 4px 4px rgb(9, 214,  
186) }
```

# Background

The CSS property to change the background color of an element to HunterLab 71.9002, -43.8443, 5.2300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(9, 214, 186) }
```

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

```
.background{ background-color: rgb(9, 214,  
186) }
```

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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