

# Converting Colors

HunterLab(74.0458, -35.9239,  
-7.3598)

Have a look what the booklet for  
HunterLab(74.0458, -35.9239,  
-7.3598) contains.

<b>HunterLab(73.9153, -35.6251, -7.7340)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**HunterLab(73.9153,  
-35.6251, -7.7340)**

# Conversions

## Conversions Part 1

Format	Color
Hex	3ED7D9
RGB	62, 215, 217
RGB Percent	24%, 84%, 85%
CMY	0.7568, 0.1569, 0.1490
CMYK	0.71, 0.01, 0.00, 0.15
HSL	181°, 67%, 55%
HSV	181°, 71%, 85%
XYZ	38.8114, 54.6347, 74.1456
YIQ	169.4810, -91.8300, -31.8140

# Conversions

## Conversions Part 2

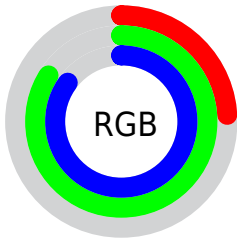
Format	Color
<b>RYB</b>	62, 139, 217
Decimal	4118489
CIELab	78.83, -37.81, -12.45
CIELCh	79, 39.805, 198.234
Yxy	54.6368, 0.2316, 0.3260
Android (android.graphics.Color)	4282308569 (0xFF3ED7D9)
YUV	169.4810, 23.4269, -94.2608
Hunter-Lab	73.9153, -35.6251, -7.7340

# Details

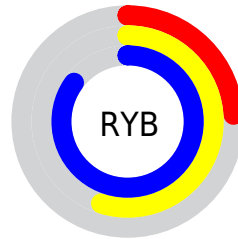
The HunterLab color **73.9153, -35.6251, -7.7340** is a light color, and the websafe version is hex **33CCCC**. The color can be described as light muted cyan. A complement of this color would be **43.3216, 53.2338, 21.3872**, and the grayscale version is **63.1228, -3.3681, 3.4296**.

A 20% lighter version of the original color is **91.4579, -36.4575, -5.6142**, and **52.6785, -27.4932, -6.4936** is the 20% darker color. If you saturate the color by 10%, you get **73.4352, -37.0151, -8.3992**, and if you desaturate by 10%, it is **74.5831, -33.5261, -6.8151**.

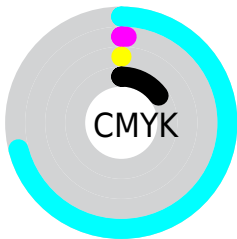
# Distribution



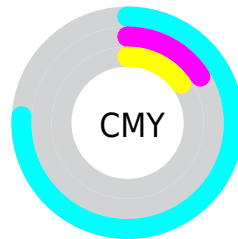
- Red (24%)
- Green (84%)
- Blue (85%)



- Red (24%)
- Yellow (55%)
- Blue (85%)



- Cyan (71%)
- Magenta (1%)
- Yellow (0%)
- Black (15%)



- Cyan (76%)
- Magenta (16%)
- Yellow (15%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.9153, -35.6251, -7.7340 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 73.9153, -35.6251, -7.7340 by changing the saturation by 10% instead.



73.9153, -35.6251,  
-7.7340

73.9153, -35.6251,  
-7.7340

201.1302,  
-57.0525, -4.8786

62.5388, -32.9655,  
-7.8128

98.4929, -40.7007,  
-7.4091

51.8132, -30.1961,  
-7.8316

111.6348,  
-43.1459, -7.1726

41.7824, -27.2856,  
-7.7840

125.3142,  
-45.5436, -6.8906

32.4982, -24.1880,  
-7.6633

139.5108,  
-47.9019, -6.5656

24.0264, -20.8327,  
-7.4629

154.2064,  
-50.2271, -6.2000

16.4540, -17.1027,  
-7.1785

169.3845,

9.9042, -17.2174,

-52.5244, -5.7958

-6.8217

185.0303,  
-54.7984, -5.3548

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 73.9153, -35.6251,  
-7.7340

■ 73.9153, -35.6251,  
-7.7340

■ 73.4352, -37.0151,  
-8.3992

■ 74.5831, -33.5261,  
-6.8151

■ 73.1180, -37.7651,  
-8.8378

■ 75.4493, -30.6781,  
-5.6324

■ 72.9425, -38.0288,  
-9.0786

■ 76.5254, -27.0673,  
-4.1806

■ 77.8177, -22.7018,  
-2.4632

■ 79.3290, -17.6076,

-0.4899

■ 81.0591, -11.8255,  
1.7245

■ 83.0051, -5.4071,  
4.1618

■ 85.1625, 1.5898,  
6.8015

■ 87.2723, 8.2647,  
9.3233

# Harmonies

## Analogous

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



73.9167, -36.5036, 10.7832



73.9153, -35.6251, -7.7340



73.9167, -26.8023, -26.9764

# Triad

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



73.9167, -35.6253, -7.7330



73.9167, 25.4105, -23.1582



73.9167, 3.6721, 30.6564

# Complementary

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



73.9153, -35.6251, -7.7340



43.3216, 53.2338, 21.3872

# 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.



73.9167, 22.0721, 25.5833



73.9153, -35.6251, -7.7340



73.9167, 35.4461, -3.4418

# Square

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



73.9167, -35.6253, -7.7330



73.9167, 7.8681, -37.3210



73.9167, 34.1660, 14.1186



73.9167, -15.0655, 30.0605



# Rectangle

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



73.9153, -35.6251, -7.7340



73.9167, -17.0486, -36.2119



73.9167, 34.1660, 14.1186



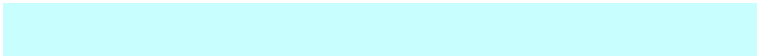
73.9167, 10.1338, 29.6234

# Sweetspot

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



73.9167, -35.6253, -7.7330



95.2787, -20.9856, -0.5296



71.4135, -55.8109, 39.2426



43.8334, -10.5393, -0.5651

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



73.9167, -35.6253, -7.7330



87.9312, -45.0073, -10.3970



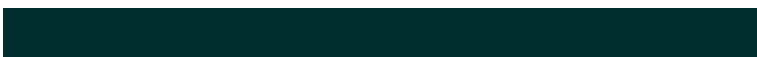
49.6451, -1.2414, -47.8308



38.4698, -5.0080, 1.0352



56.7632, -29.6013, -7.0484



14.4805, -7.5733, -1.7508



# Inverse Universe

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



48.0674, 74.0972, -48.3866



54.3534, 100.1517, -65.3709



58.0620, 17.6484, 31.4311



36.4305, 2.9163, -1.2814



34.4622, 67.5674, -44.0081

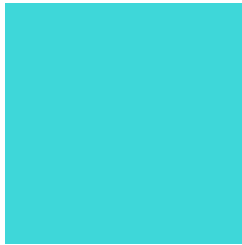


8.7771, 17.2167, -11.2715



# Previews

## White Background



This preview shows how the HunterLab color 73.9153, -35.6251, -7.7340 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

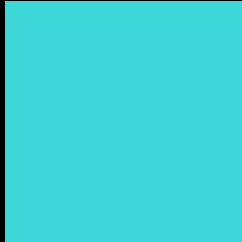
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 73.9153, -35.6251, -7.7340 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

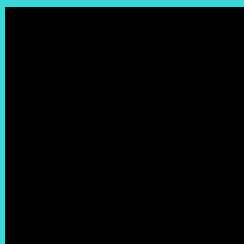
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

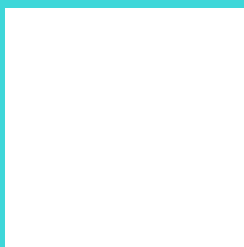
Any Text WCAG AAA ✓ Pass

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

## HunterLab 73.9153, -35.6251, -7.7340 Background



This preview shows how black text looks on a background with the HunterLab color 73.9153, -35.6251, -7.7340.



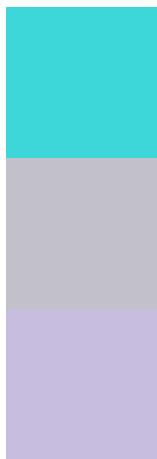
This preview shows how white text looks on a background with the HunterLab color 73.9153,

-35.6251, -7.7340.

# 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

73.9153, -35.6251, -7.7340

### Protanopia

73.1303, -1.3535, -0.7682

### Deuteranopia

73.2998, 5.1880, -11.2110



## Tritanopia

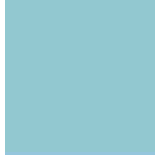
73.8944, -31.2342, -15.0806

# Trichromacy



## Original Color

73.9153, -35.6251, -7.7340



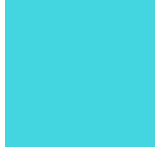
## Protanomaly

72.0927, -17.4829, -4.9600



## Deuteranomaly

72.1098, -13.2160, -12.0429



## Tritanomaly

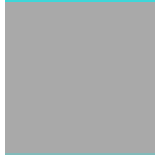
73.9748, -33.0525, -12.0892

# Monochromacy



## Original Color

73.9153, -35.6251, -7.7340



## Achromatopsia

62.9885, -3.3609, 3.4223



## Achromatomaly

65.8854, -18.7748, -1.5346

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 73.9153, -35.6251, -7.7340 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(62, 215, 217)` looks like.

```
.text, #text, p{  
    color:rgb(62, 215, 217)  
}
```

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(62, 215, 217) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(62, 215, 217) }
```

## Border

The CSS property to change the border of an element to HunterLab 73.9153, -35.6251, -7.7340 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(62, 215, 217) }
```



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

```
.border{ border-color:rgb(62, 215, 217) }
```

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

Here you see how a box with a 4 pixel `rgb(62, 215, 217)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(62, 215, 217); -webkit-box-  
shadow:4px 4px 4px 4px rgb(62, 215, 217);  
box-shadow:4px 4px 4px 4px rgb(62, 215,  
217) }
```

# Background

The CSS property to change the background color of an element to HunterLab 73.9153, -35.6251, -7.7340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(62, 215, 217) }
```

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

```
.background{ background-color: rgb(62, 215,  
217) }
```

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