

# Converting Colors

HunterLab(72.3389, -43.3462,  
11.6256)

Have a look what the booklet for  
HunterLab(72.3389, -43.3462,  
11.6256) contains.

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# Color

**HunterLab(72.2230,  
-43.3295, 11.7043)**

# Conversions

## Conversions Part 1

Format	Color
Hex	40D6AC
RGB	64, 214, 172
RGB Percent	25%, 84%, 67%
CMY	0.7490, 0.1608, 0.3255
CMYK	0.70, 0.00, 0.20, 0.16
HSL	163°, 65%, 55%
HSV	163°, 70%, 84%
XYZ	33.6073, 52.1616, 47.3266
YIQ	164.3620, -75.9180, -44.8620

# Conversions

## Conversions Part 2

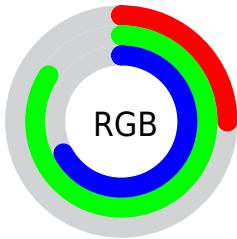
<b>Format</b>	<b>Color</b>
<b>RYB</b>	64, 151, 214
Decimal	4249260
CIELab	77.38, -48.92, 9.50
CIELCh	77, 49.838, 169.015
Yxy	52.1637, 0.2525, 0.3919
Android (android.graphics.Color)	4282439340 (0xFF40D6AC)
YUV	164.3620, 3.7655, -88.0175
Hunter-Lab	72.2230, -43.3295, 11.7043

# Details

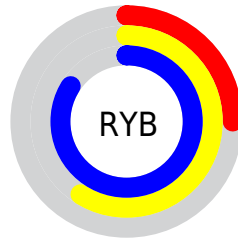
The HunterLab color **72.2230, -43.3295, 11.7043** is a light color, and the websafe version is hex **33CC99**. The color can be described as light muted spring green. A complement of this color would be **43.5945, 55.4237, 9.2854**, and the grayscale version is **61.0870, -3.2594, 3.3190**.

A 20% lighter version of the original color is **90.4499, -42.1862, 7.3590**, and **50.8033, -34.0346, 9.9713** is the 20% darker color. If you saturate the color by 10%, you get **71.6613, -45.9208, 13.5015**, and if you desaturate by 10%, it is **72.9790, -39.9883, 10.0528**.

# Distribution



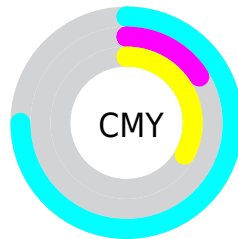
- Red (25%)
- Green (84%)
- Blue (67%)



- Red (25%)
- Yellow (59%)
- Blue (84%)



- Cyan (70%)
- Magenta (0%)
- Yellow (20%)
- Black (16%)



- Cyan (75%)
- Magenta (16%)
- Yellow (33%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 72.2230, -43.3295, 11.7043 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 72.2230, -43.3295, 11.7043 by changing the saturation by 10% instead.



■ 72.2230, -43.3295,  
11.7043

■ 72.2230, -43.3295,  
11.7043

198.7632,  
-69.4386, 22.0378

■ 60.9389, -39.9912,  
10.6099

■ 96.6295, -49.6335,  
13.9168

■ 50.3115, -36.4866,  
9.5173

■ 109.6914,  
-52.6410, 15.0377

■ 40.3856, -32.7706,  
8.4221

■ 123.2941,  
-55.5731, 16.1705

■ 31.2150, -28.7765,  
7.3157

■ 137.4167,  
-58.4413, 17.3161

■ 22.8679, -24.4029,  
6.1845

■ 152.0408,  
-61.2549, 18.4752

■ 15.4353, -19.6766,  
5.0039

167.1498,

■ 9.0380, -15.8165,

-64.0216, 19.6483

4.8475

182.7285,  
-66.7477, 20.8357

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.2230, -43.3295,  
11.7043

■ 72.2230, -43.3295,  
11.7043

■ 71.6613, -45.9208,  
13.5015

■ 72.9790, -39.9883,  
10.0528

■ 71.2707, -47.8154,  
15.4062

■ 73.9384, -35.8721,  
8.5750


■ 71.0145, -49.1529,  
17.3450


■ 75.1112, -30.9847,  
7.2962

■ 76.5022, -25.3507,  
6.2352


■ 78.1128, -19.0120,

5.4046

 79.9416, -12.0233,  
4.8115

 81.9845, -4.4472,  
4.4576

 84.2358, 3.6496,  
4.3401

 86.5114, 11.6187,  
4.2326

# Harmonies

## Analogous

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



72.2244, -35.1066, 26.9546



72.2230, -43.3295, 11.7043



72.2244, -42.0504, -11.6473

# Triad

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



72.2244, -43.3301, 11.7051



72.2244, 11.5793, -50.1555



72.2244, 28.4858, 29.5746

# Complementary

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



72.2230, -43.3295, 11.7043



43.5945, 55.4237, 9.2854

# 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.



72.2244, 44.4109, 16.6642



72.2230, -43.3295, 11.7043



72.2244, 33.8149, -30.6232

# Square

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



72.2244, -43.3301, 11.7051



72.2244, -12.3280, -52.8007



72.2244, 46.4779, -4.8157



72.2244, 5.0221, 34.8293



# Rectangle

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



72.2230, -43.3295, 11.7043



72.2244, -35.9307, -28.9840



72.2244, 46.4779, -4.8157



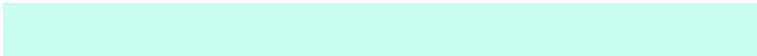
72.2244, 35.0206, 26.2229

# Sweetspot

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



72.2244, -43.3301, 11.7051



95.0219, -24.0894, 6.6896



71.8055, -48.6543, 39.3887



43.6995, -12.1688, 3.2164

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



72.2244, -43.3301, 11.7051



87.1369, -57.1950, 17.5536



62.6087, -21.5270, -22.0460



37.4777, -5.3983, 2.2374



55.2263, -38.1107, 13.2420



13.6138, -9.0503, 2.5209



# Inverse Universe

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



43.5945, 55.4237, 9.2854



48.7518, 77.1198, 16.4863



48.0886, 37.9192, 24.3144



35.3234, 1.6778, 1.8179



29.7543, 51.6679, 13.7012

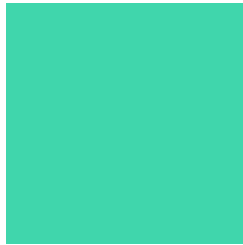


7.4032, 13.0414, 1.9687



# Previews

## White Background



This preview shows how the HunterLab color 72.2230, -43.3295, 11.7043 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

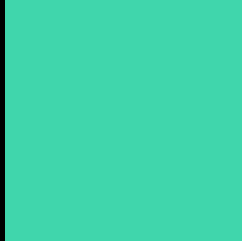
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 72.2230, -43.3295, 11.7043 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

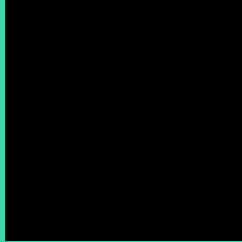
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

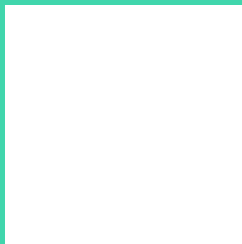
Any Text WCAG AAA ✓ Pass

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

## HunterLab 72.2230, -43.3295, 11.7043 Background



This preview shows how black text looks on a background with the HunterLab color 72.2230, -43.3295, 11.7043.



This preview shows how white text looks on a background with the HunterLab color 72.2230,

-43.3295, 11.7043.

# 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

72.2230, -43.3295, 11.7043

### Protanopia

71.5386, -4.7389, 16.8140

### Deuteranopia

71.4973, 5.2558, 8.7821



## Tritanopia

72.1680, -27.8729, -13.9553

# Trichromacy



## Original Color

72.2230, -43.3295, 11.7043



## Protanomaly

70.4612, -22.8426, 13.4644



## Deuteranomaly

69.9909, -17.3369, 8.0301



## Tritanomaly

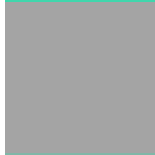
72.2241, -34.2297, -3.5093

# Monochromacy



## Original Color

72.2230, -43.3295, 11.7043



## Achromatopsia

60.9293, -3.2510, 3.3104



## Achromatomaly

63.9024, -20.7525, 5.0926

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 72.2230, -43.3295, 11.7043 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(64, 214, 172)` looks like.

```
.text, #text, p{  
    color:rgb(64, 214, 172)  
}
```

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(64, 214, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(64, 214, 172) }
```

## Border

The CSS property to change the border of an element to HunterLab 72.2230, -43.3295, 11.7043 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(64, 214, 172) }
```



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

```
.border{ border-color:rgb(64, 214, 172) }
```

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

Here you see how a box with a 4 pixel rgb(64, 214, 172) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(64, 214, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(64, 214, 172);  
box-shadow:4px 4px 4px 4px rgb(64, 214,  
172) }
```

# Background

The CSS property to change the background color of an element to HunterLab 72.2230, -43.3295, 11.7043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(64, 214, 172) }
```

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

```
.background{ background-color: rgb(64, 214,  
172) }
```

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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