

Converting Colors

HunterLab(72.5623, -33.6990,
1.1604)

Have a look what the booklet for
HunterLab(72.5623, -33.6990,
1.1604) contains.

HunterLab(72.5336, -33.5452, 0.9290)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(72.5336,
-33.5452, 0.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	60D2C5
RGB	96, 210, 197
RGB Percent	38%, 82%, 77%
CMY	0.6235, 0.1765, 0.2274
CMYK	0.54, 0.00, 0.06, 0.18
HSL	173°, 56%, 60%
HSV	173°, 54%, 82%
XYZ	37.9485, 52.6112, 60.9783
YIQ	174.4320, -63.7710, -28.2110

Conversions

Conversions Part 2

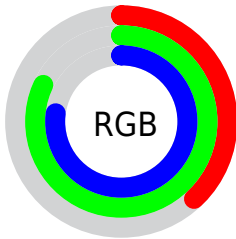
Format	Color
RYB	96, 156, 210
Decimal	6345413
CIELab	77.65, -35.47, -3.40
CIELCh	78, 35.628, 185.471
Yxy	52.6133, 0.2504, 0.3472
Android (android.graphics.Color)	4284535493 (0xFF60D2C5)
YUV	174.4320, 11.1260, -68.7849
Hunter-Lab	72.5336, -33.5452, 0.9290

Details

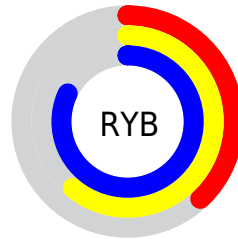
The HunterLab color **72.5336, -33.5452, 0.9290** is a light color, and the websafe version is hex **66CCCC**. A complement of this color would be **48.1383, 40.0644, 12.5421**, and the grayscale version is **65.2142, -3.4797, 3.5432**.

A 20% lighter version of the original color is **92.5442, -32.4002, -3.6146**, and **50.6044, -28.4774, 0.2367** is the 20% darker color. If you saturate the color by 10%, you get **71.7728, -36.6783, 1.1261**, and if you desaturate by 10%, it is **73.4977, -29.6799, 0.9864**.

Distribution



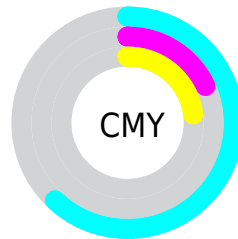
- Red (38%)
- Green (82%)
- Blue (77%)



- Red (38%)
- Yellow (61%)
- Blue (82%)



- Cyan (54%)
- Magenta (0%)
- Yellow (6%)
- Black (18%)





- Cyan (62%)
- Magenta (18%)
- Yellow (23%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.5336, -33.5452, 0.9290 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 72.5336, -33.5452, 0.9290 by changing the saturation by 10% instead.


 72.5336, -33.5452,
0.9290


 72.5336, -33.5452,
0.9290


199.1983,
-54.0604, 6.6592


 61.2325, -31.0110,
0.4733


 96.9717, -38.3892,
1.9656


 50.5869, -28.3742,
0.0617


 110.0484,
-40.7261, 2.5395

 40.6416, -25.6047,
-0.3007


 123.6652,
-43.0199, 3.1481

 31.4500, -22.6583,
-0.6084

 137.8015,
-45.2781, 3.7898

 23.0798, -19.4657,
-0.8540

152.4388,
-47.5067, 4.4629

 15.6212, -15.9107,
-1.0271

167.5605,

 9.2004, -16.1007,

-49.7107, 5.1663

-1.1162

183.1516,
-51.8941, 5.8988

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 72.5336, -33.5452,
0.9290

■ 72.5336, -33.5452,
0.9290

■ 71.7728, -36.6783,
1.1261

■ 73.4977, -29.6799,
0.9864

■ 71.2000, -39.0935,
1.5592

■ 74.6680, -25.0874,
1.3042

■ 70.8011, -40.8328,
2.2057

■ 76.0494, -19.7932,
1.8855

■ 70.5543, -41.9698,
3.0338


■ 77.6425, -13.8372,
2.7268

■ 70.4573, -42.4429,


■ 79.4454, -7.2701,


3.5565

3.8196

 81.4539, -0.1494,
5.1517

 83.6625, 7.4640,
6.7081

 85.0419, 12.1741,
7.2454

 85.1153, 12.5617,
6.1962

Harmonies

Analogous

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



72.5350, -31.2032, 15.6744



72.5336, -33.5452, 0.9290



72.5350, -28.5509, -16.4420

Triad

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



72.5350, -33.5457, 0.9299



72.5350, 16.0209, -26.1060



72.5350, 10.1559, 26.8670

Complementary

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



72.5336, -33.5452, 0.9290



48.1383, 40.0644, 12.5421

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.



72.5350, 24.6180, 19.7317



72.5336, -33.5452, 0.9290



72.5350, 28.2160, -10.1357

Square

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



72.5350, -33.5457, 0.9299



72.5350, -0.7408, -34.1838



72.5350, 31.4977, 6.8422



72.5350, -6.9552, 28.5240

Rectangle

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



72.5336, -33.5452, 0.9290



72.5350, -21.4362, -26.5139



72.5350, 31.4977, 6.8422



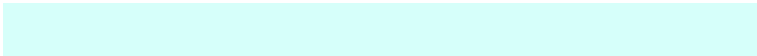
72.5350, 15.5361, 25.1251

Sweetspot

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



72.5350, -33.5457, 0.9299



96.3173, -18.7019, 3.1736



70.8591, -44.6442, 33.6210



44.3644, -9.3828, 1.3610

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.5350, -33.5457, 0.9299



89.2849, -46.1754, 1.4629



58.7566, -11.2323, -25.5197



36.5826, -4.9897, 1.5049



55.0358, -33.0959, 2.6545



13.0397, -7.6698, 0.2582

Inverse Universe

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



48.1383, 40.0644, 12.5421



54.3438, 61.0775, 19.0300



57.6338, 16.9119, 24.4243



34.3946, 1.3747, 2.4366



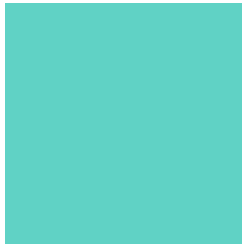
28.9922, 49.8145, 17.4591



6.9102, 11.9815, 3.3213

Previews

White Background



This preview shows how the HunterLab color 72.5336, -33.5452, 0.9290 looks on a white background.

Color Contrast Check

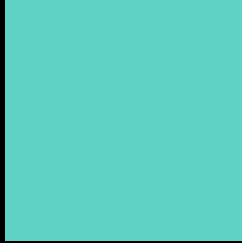
Large Text (above 18pt) WCAG AA × Fail

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 72.5336, -33.5452, 0.9290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

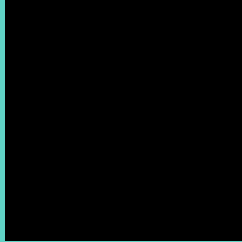
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

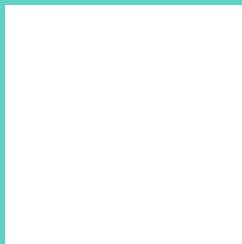
Any Text WCAG AAA ✓ Pass

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

HunterLab 72.5336, -33.5452, 0.9290 Background



This preview shows how black text looks on a background with the HunterLab color 72.5336, -33.5452, 0.9290.



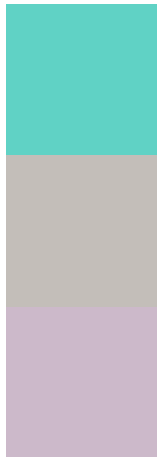
This preview shows how white text looks on a background with the HunterLab color 72.5336,

-33.5452, 0.9290.

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

72.5336, -33.5452, 0.9290

Protanopia

72.0637, -3.0651, 6.5886

Deuteranopia

71.9719, 5.2767, -1.5901



Tritanopia

72.4387, -25.2044, -12.9450

Trichromacy



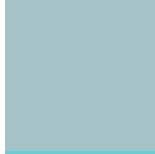
Original Color

72.5336, -33.5452, 0.9290



Protanomaly

71.3986, -16.3212, 3.7304



Deuteranomaly

71.2412, -11.3345, -1.7767



Tritanomaly

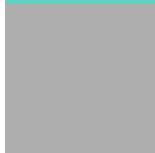
72.3225, -28.0130, -8.0799

Monochromacy



Original Color

72.5336, -33.5452, 0.9290



Achromatopsia

65.0590, -3.4714, 3.5348



Achromatomaly

67.1037, -16.1685, 1.9632

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.5336, -33.5452, 0.9290 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(96, 210, 197)` looks like.

```
.text, #text, p{  
    color:rgb(96, 210, 197)  
}
```

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(96, 210, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(96, 210, 197) }
```

Border

The CSS property to change the border of an element to HunterLab 72.5336, -33.5452, 0.9290 is called "border". The border property can be set on classes, ids or directly on the HTML element.

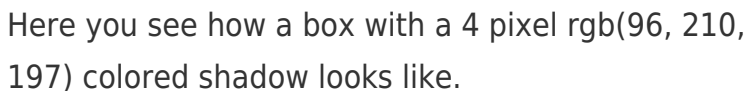
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(96, 210, 197) }
```


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

```
.border{ border-color:rgb(96, 210, 197) }
```

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



Here you see how a box with a 4 pixel `rgb(96, 210, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(96, 210, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(96, 210, 197); box-shadow:4px 4px 4px 4px rgb(96, 210, 197) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.5336, -33.5452, 0.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(96, 210, 197) }
```

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

```
.background{ background-color: rgb(96, 210,  
197) }
```

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