

Converting Colors

HunterLab(73.8056, -31.7990,
13.5683)

Have a look what the booklet for
HunterLab(73.8056, -31.7990,
13.5683) contains.

HunterLab(73.8056, -31.7990, 13.5683)	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(73.8056,
-31.7990, 13.5683)**

Conversions

Conversions Part 1

Format	Color
Hex	84D3AC
RGB	132, 211, 172
RGB Percent	52%, 83%, 67%
CMY	0.4823, 0.1725, 0.3255
CMYK	0.37, 0.00, 0.18, 0.17
HSL	150°, 47%, 67%
HSV	150°, 37%, 83%
XYZ	40.2564, 54.4727, 47.4223
YIQ	182.9330, -34.5650, -28.8770

Conversions

Conversions Part 2

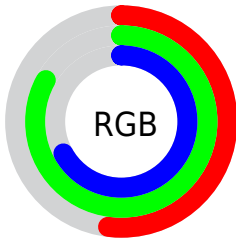
Format	Color
RYB	132, 184, 211
Decimal	8704940
CIELab	78.74, -32.85, 11.74
CIELCh	79, 34.889, 160.340
Yxy	54.4749, 0.2832, 0.3832
Android (android.graphics.Color)	4286895020 (0xFF84D3AC)
YUV	182.9330, -5.3900, -44.6682
Hunter-Lab	73.8056, -31.7990, 13.5683

Details

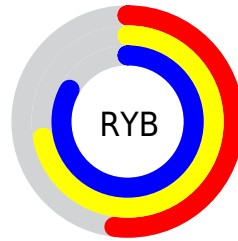
The HunterLab color **73.8056, -31.7990, 13.5683** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **57.7001, 30.4024, -3.5051**, and the grayscale version is **68.8192, -3.6720, 3.7391**.

A 20% lighter version of the original color is **93.6789, -29.8631, 11.2065**, and **51.7230, -26.9447, 11.0308** is the 20% darker color. If you saturate the color by 10%, you get **72.4966, -37.4347, 16.2192**, and if you desaturate by 10%, it is **75.3443, -25.3878, 10.9775**.

Distribution



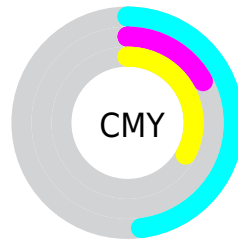
- Red (52%)
- Green (83%)
- Blue (67%)



- Red (52%)
- Yellow (72%)
- Blue (83%)



- Cyan (37%)
- Magenta (0%)
- Yellow (18%)
- Black (17%)



- Cyan (48%)
- Magenta (17%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 73.8056, -31.7990, 13.5683 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 73.8056, -31.7990, 13.5683 by changing the saturation by 10% instead.

■ 73.8056, -31.7990,
13.5683

■ 73.8056, -31.7990,
13.5683

200.9772,
-51.2230, 24.7618

■ 62.4351, -29.4254,
12.3538

■ 98.3723, -36.3556,
16.0017

■ 51.7159, -26.9626,
11.1328

■ 111.5091,
-38.5611, 17.2250

■ 41.6918, -24.3853,
9.8991

■ 125.1836,
-40.7303, 18.4557

■ 32.4149, -21.6549,
8.6416

139.3754,
-42.8697, 19.6954

■ 23.9511, -18.7114,
7.3429

154.0664,
-44.9847, 20.9451

■ 16.3877, -15.4551,
5.9728

169.2400,

■ 9.8482, -15.1068,

-47.0796, 22.2056

5.4933

184.8815,
-49.1581, 23.4777

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 73.8056, -31.7990,
13.5683

■ 73.8056, -31.7990,
13.5683

■ 72.4966, -37.4347,
16.2192

■ 75.3443, -25.3878,
10.9775

■ 71.4102, -42.2495,
18.8947

■ 77.1074, -18.2564,
8.4734

■ 70.5412, -46.2242,
21.5594

■ 79.0930, -10.4746,
6.0811

■ 69.8784, -49.3653,
24.1757


■ 81.2953, -2.1173,
3.8199


■ 69.4052, -51.7123,


■ 83.7069, 6.7398,


26.7049


1.7037

 69.0944, -53.3582,
29.1051

 85.9186, 14.7224,
-0.7784

 69.0280, -53.7194,
29.6859

 86.2776, 16.6048,
-5.8665

 86.6433, 18.5141,
-11.0268

Harmonies

Analogous

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



73.8071, -23.5903, 23.7061



73.8056, -31.7990, 13.5683



73.8071, -32.9370, -1.6752

Triad

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



73.8071, -31.8000, 13.5691



73.8071, 1.9073, -32.7716



73.8071, 22.1494, 21.1745

Complementary

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



73.8056, -31.7990, 13.5683



57.7001, 30.4024, -3.5051

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.



73.8071, 30.3604, 9.2901



73.8056, -31.7990, 13.5683



73.8071, 18.0041, -23.2486

Square

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



73.8071, -31.8000, 13.5691



73.8071, -14.4330, -30.9051



73.8071, 28.7793, -7.0105



73.8071, 7.1695, 27.3738

Rectangle

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



73.8056, -31.7990, 13.5683



73.8071, -29.6497, -13.1286



73.8071, 28.7793, -7.0105



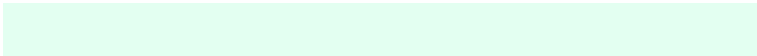
73.8071, 25.8505, 17.8357

Sweetspot

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



73.8071, -31.8000, 13.5691



97.0581, -16.6125, 8.6070



75.4792, -27.1710, 28.8860



44.7464, -8.3004, 4.1694

0.0000, NaN, NaN



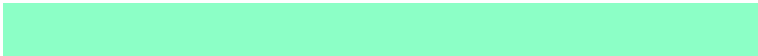
46.2646, -2.4686, 2.5136

Same Dimension

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



73.8071, -31.8000, 13.5691



90.1169, -45.0967, 19.4507



74.9664, -25.0677, -2.9879



36.4757, -5.5856, 3.0320



53.6427, -41.6112, 22.7778



12.7474, -9.4499, 4.4665

Inverse Universe

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



57.7001, 30.4024, -3.5051



66.4199, 46.9507, -5.3501



56.5850, 24.8923, 12.4290



34.5024, 1.9546, 0.8988



29.9728, 53.4174, 3.1810



7.1995, 13.0380, -0.8406

Previews

White Background



This preview shows how the HunterLab color 73.8056, -31.7990, 13.5683 looks on a white background.

Color Contrast Check

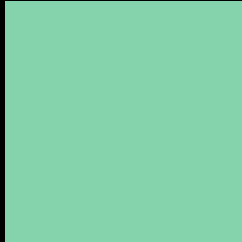
Large Text (above 18pt) WCAG AA × Fail

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 73.8056, -31.7990, 13.5683 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

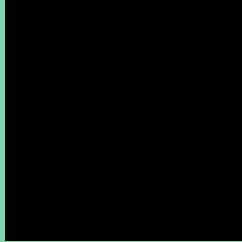
Any Text WCAG AA ✓ Pass

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 73.8056, -31.7990, 13.5683 Background



This preview shows how black text looks on a background with the HunterLab color 73.8056, -31.7990, 13.5683.



This preview shows how white text looks on a background with the HunterLab color 73.8056,

-31.7990, 13.5683.

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

73.8056, -31.7990, 13.5683

Protanopia

73.2268, -4.8450, 16.9816

Deuteranopia

73.3315, 5.3525, 11.6498



Tritanopia

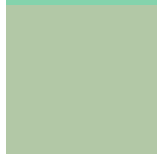
73.6518, -17.4751, -9.9897

Trichromacy



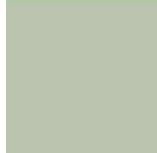
Original Color

73.8056, -31.7990, 13.5683



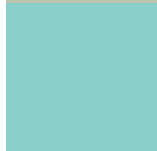
Protanomaly

73.1619, -16.0535, 15.5649



Deuteranomaly

72.8970, -10.1045, 11.7550



Tritanomaly

73.7743, -23.2747, -0.3553

Monochromacy



Original Color

73.8056, -31.7990, 13.5683



Achromatopsia

68.8136, -3.6717, 3.7388



Achromatomaly

70.2048, -14.7576, 6.9842

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 73.8056, -31.7990, 13.5683 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(132, 211, 172)` looks like.

```
.text, #text, p{  
    color:rgb(132, 211, 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(132, 211, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(132, 211, 172) }
```

Border

The CSS property to change the border of an element to HunterLab 73.8056, -31.7990, 13.5683 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(132, 211, 172) }
```


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

```
.border{ border-color:rgb(132, 211, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(132, 211, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(132, 211, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(132, 211, 172);  
box-shadow:4px 4px 4px 4px rgb(132, 211,  
172) }
```

Background

The CSS property to change the background color of an element to HunterLab 73.8056, -31.7990, 13.5683 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(132, 211, 172) }
```

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

```
.background{ background-color: rgb(132,  
211, 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](#).

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