

Converting Colors

HunterLab(68.5693, -33.2090,
17.0009)

Have a look what the booklet for
HunterLab(68.5693, -33.2090,
17.0009) contains.

HunterLab(68.4096, -33.1293, 16.9304)	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(68.4096,
-33.1293, 16.9304)**

Conversions

Conversions Part 1

Format	Color
Hex	75C795
RGB	117, 199, 149
RGB Percent	46%, 78%, 58%
CMY	0.5412, 0.2196, 0.4157
CMYK	0.41, 0.00, 0.25, 0.22
HSL	143°, 42%, 62%
HSV	143°, 41%, 78%
XYZ	33.1844, 46.7987, 35.7178
YIQ	168.7820, -32.8220, -32.9340

Conversions

Conversions Part 2

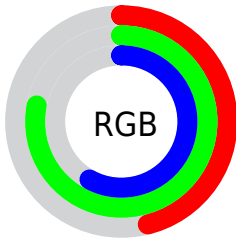
Format	Color
RYB	117, 176, 199
Decimal	7718805
CIELab	74.06, -36.12, 17.34
CIELCh	74, 40.068, 154.350
Yxy	46.8007, 0.2868, 0.4045
Android (android.graphics.Color)	4285908885 (0xFF75C795)
YUV	168.7820, -9.7525, -45.4128
Hunter-Lab	68.4096, -33.1293, 16.9304

Details

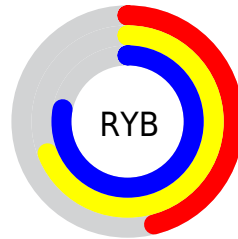
The HunterLab color $68.4096, -33.1293, 16.9304$ is a light color, and the websafe version is hex $66CC99$. A complement of this color would be $52.5888, 33.1876, -8.2340$, and the grayscale version is $62.9485, -3.3588, 3.4201$.

A 20% lighter version of the original color is $91.9796, -37.6308, 19.5988$, and $47.1056, -27.9443, 13.9929$ is the 20% darker color. If you saturate the color by 10%, you get $67.2294, -38.3420, 19.9273$, and if you desaturate by 10%, it is $69.8117, -27.1317, 13.8527$.

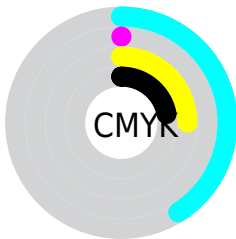
Distribution



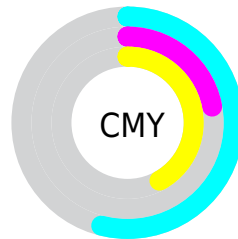
- Red (46%)
- Green (78%)
- Blue (58%)



- Red (46%)
- Yellow (69%)
- Blue (78%)



- Cyan (41%)
- Magenta (0%)
- Yellow (25%)
- Black (22%)



- Cyan (54%)
- Magenta (22%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4096, -33.1293, 16.9304 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 68.4096, -33.1293, 16.9304 by changing the saturation by 10% instead.

■ 68.4096, -33.1293,
16.9304

■ 68.4096, -33.1293,
16.9304

193.3955,
-54.0394, 30.3047

■ 57.3394, -30.5228,
15.3944

■ 92.4208, -38.0930,
19.9406

■ 46.9394, -27.8002,
13.8232

■ 105.2984,
-40.4800, 21.4267

■ 37.2575, -24.9273,
12.2021

■ 118.7241,
-42.8192, 22.9064

■ 28.3515, -21.8510,
10.5080

132.6765,
-45.1189, 24.3832

■ 20.2961, -18.4871,
8.7039

147.1362,
-47.3858, 25.8595

■ 13.1929, -14.9978,
7.0668

162.0861,

■ 6.7059, -11.7354,

-49.6254, 27.3375

4.6942

177.5106,
-51.8420, 28.8188

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4096, -33.1293,
16.9304

■ 68.4096, -33.1293,
16.9304

■ 67.2294, -38.3420,
19.9273

■ 69.8117, -27.1317,
13.8527

■ 66.2636, -42.7287,
22.8032

■ 71.4315, -20.4023,
10.7291

■ 65.5062, -46.2756,
25.5214

■ 73.2672, -13.0103,
7.5945

■ 64.9450, -48.9972,
28.0466


■ 75.3137, -5.0310,
4.4793


■ 64.5620, -50.9427,


■ 77.5638, 3.4588,


30.3466


1.4094

 64.3380, -52.1448,
32.1488

 80.0091, 12.3837,
-1.5941

 82.4900, 21.1973,
-4.7179

 82.9260, 23.4453,
-10.8739

 83.2638, 25.1789,
-15.6201

Harmonies

Analogous

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



68.4110, -22.7743, 26.3632



68.4096, -33.1293, 16.9304



68.4110, -35.9276, 1.0795

Triad

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



68.4110, -33.1303, 16.9311



68.4110, -0.9064, -39.8883



68.4110, 28.6175, 20.3418

Complementary

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



68.4096, -33.1293, 16.9304



52.5888, 33.1876, -8.2340

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.



68.4110, 35.9959, 6.2666



68.4096, -33.1293, 16.9304



68.4110, 17.8285, -30.9416

Square

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



68.4110, -33.1303, 16.9311



68.4110, -18.5260, -34.8193



68.4110, 31.8512, -12.7894



68.4110, 12.6083, 27.9296

Rectangle

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



68.4096, -33.1293, 16.9304



68.4110, -33.4133, -11.9251



68.4110, 31.8512, -12.7894



68.4110, 32.2631, 16.3733

Sweetspot

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



68.4110, -33.1303, 16.9311



96.6992, -18.1995, 10.4507



71.0005, -24.4618, 29.2676



44.5827, -9.0367, 5.0891

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4110, -33.1303, 16.9311



89.1722, -49.7766, 25.7869



69.5153, -26.6606, 1.0935



34.5764, -5.4458, 3.2986



51.6063, -41.7163, 25.5502



11.2924, -8.6868, 4.6377

Inverse Universe

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



52.5888, 33.1876, -8.2340



64.5806, 53.9265, -13.0113



51.3680, 27.2749, 9.1247



32.7777, 2.0033, 0.4028



29.5269, 53.6500, -4.8292



6.5325, 12.0602, -2.5473

Previews

White Background



This preview shows how the HunterLab color 68.4096, -33.1293, 16.9304 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 68.4096, -33.1293, 16.9304 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

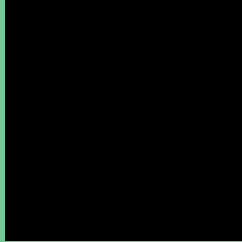
Any Text WCAG AA ✓ Pass

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 68.4096, -33.1293, 16.9304 Background



This preview shows how black text looks on a background with the HunterLab color 68.4096, -33.1293, 16.9304.



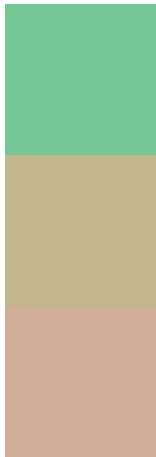
This preview shows how white text looks on a background with the HunterLab color 68.4096,

-33.1293, 16.9304.

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

68.4096, -33.1293, 16.9304

Protanopia

68.0284, -5.5664, 20.1974

Deuteranopia

67.8344, 4.9165, 15.1643



Tritanopia

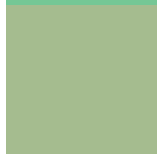
68.2000, -17.0156, -9.5926

Trichromacy



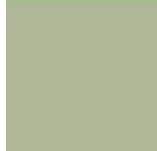
Original Color

68.4096, -33.1293, 16.9304



Protanomaly

67.7856, -17.3529, 18.7357



Deuteranomaly

67.2666, -10.8282, 15.0766



Tritanomaly

68.1826, -23.4701, 1.2073

Monochromacy



Original Color

68.4096, -33.1293, 16.9304



Achromatopsia

62.9885, -3.3609, 3.4223



Achromatomaly

64.6028, -15.1866, 8.1707

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4096, -33.1293, 16.9304 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(117, 199, 149)` looks like.

```
.text, #text, p{  
    color:rgb(117, 199, 149)  
}
```

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(117, 199, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(117, 199, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4096, -33.1293, 16.9304 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(117, 199, 149) }
```


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

```
.border{ border-color:rgb(117, 199, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(117, 199, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(117, 199, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(117, 199, 149);  
box-shadow:4px 4px 4px 4px rgb(117, 199,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4096, -33.1293, 16.9304 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(117, 199, 149) }
```

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

```
.background{ background-color: rgb(117,  
199, 149) }
```

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