

Converting Colors

HunterLab(68.0465, -33.3968,
21.0603)

Have a look what the booklet for
HunterLab(68.0465, -33.3968,
21.0603) contains.

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Color

**HunterLab(68.0465,
-33.3969, 21.0501)**

Conversions

Conversions Part 1

Format	Color
Hex	7AC688
RGB	122, 198, 136
RGB Percent	48%, 78%, 53%
CMY	0.5216, 0.2235, 0.4667
CMYK	0.38, 0.00, 0.31, 0.22
HSL	131°, 40%, 63%
HSV	131°, 38%, 78%
XYZ	32.6640, 46.3033, 30.5084
YIQ	168.2080, -25.3940, -35.3940

Conversions

Conversions Part 2

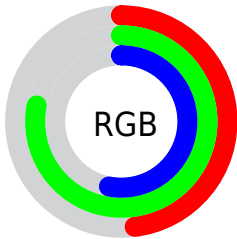
Format	Color
RYB	122, 186, 198
Decimal	8046216
CIELab	73.74, -36.59, 23.86
CIElCh	74, 43.683, 146.901
Yxy	46.3052, 0.2984, 0.4230
Android (android.graphics.Color)	4286236296 (0xFF7AC688)
YUV	168.2080, -15.8785, -40.5244
Hunter-Lab	68.0465, -33.3969, 21.0501

Details

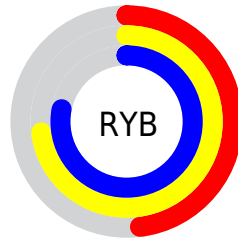
The HunterLab color **68.0465, -33.3969, 21.0501** is a light color, and the websafe version is hex **66CC99**. A complement of this color would be **54.2093, 33.2282, -15.6142**, and the grayscale version is **62.7337, -3.3473, 3.4084**.

A 20% lighter version of the original color is **91.9700, -38.3135, 24.5957**, and **46.7411, -28.1915, 17.1404** is the 20% darker color. If you saturate the color by 10%, you get **66.7674, -39.1034, 24.7205**, and if you desaturate by 10%, it is **69.5667, -26.8131, 17.0231**.

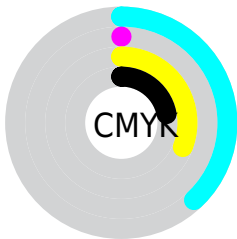
Distribution



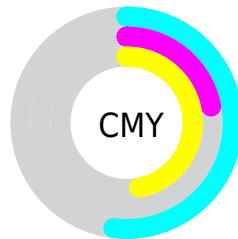
- Red (48%)
- Green (78%)
- Blue (53%)



- Red (48%)
- Yellow (73%)
- Blue (78%)



- Cyan (38%)
- Magenta (0%)
- Yellow (31%)
- Black (22%)



- Cyan (52%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0465, -33.3969, 21.0501 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 68.0465, -33.3969, 21.0501 by changing the saturation by 10% instead.

■ 68.0465, -33.3969,
21.0501

■ 68.0465, -33.3969,
21.0501

192.8819,
-54.5168, 37.0973

■ 56.9971, -30.7587,
19.1244

■ 92.0193, -38.4171,
24.7637

■ 46.6192, -28.0011,
17.1309

■ 104.8791,
-40.8295, 26.5713

■ 36.9611, -25.0888,
15.0469

■ 118.2877,
-43.1927, 28.3563

■ 28.0810, -21.9672,
12.8381

132.2235,
-45.5151, 30.1241

■ 20.0542, -18.5494,
10.4519

146.6673,
-47.8036, 31.8789

■ 12.9835, -15.1218,
9.0885

161.6018,

■ 6.4373, -11.2653,

-50.0638, 33.6243

4.5061

177.0114,
-52.3002, 35.3630

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0465, -33.3969,
21.0501

■ 68.0465, -33.3969,
21.0501

■ 66.7674, -39.1034,
24.7205

■ 69.5667, -26.8131,
17.0231

■ 65.7229, -43.8768,
27.9881

■ 71.3220, -19.4207,
12.6871

■ 64.9081, -47.6926,
30.8180

■ 73.3092, -11.3053,
8.0944

■ 64.3111, -50.5583,
33.1865


■ 75.5211, -2.5574,
3.2958


■ 63.9141, -52.5205,


■ 77.9488, 6.7323,


35.0834

-1.6612

 63.6848, -53.7022,
36.5083

 80.5821, 16.4773,
-6.7339

 63.6555, -53.8538,
36.6911

 82.7611, 24.5750,
-12.8205

 82.9879, 25.7367,
-16.0044

Harmonies

Analogous

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



68.0479, -20.4420, 29.2318



68.0465, -33.3969, 21.0501



68.0479, -38.4513, 5.6852

Triad

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



68.0479, -33.3980, 21.0507



68.0479, -5.7364, -44.9058



68.0479, 34.8763, 18.4792

Complementary

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



68.0465, -33.3969, 21.0501



54.2093, 33.2282, -15.6142

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.



68.0479, 39.9903, 1.6615



68.0465, -33.3969, 21.0501



68.0479, 14.9813, -38.5315

Square

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



68.0479, -33.3980, 21.0507



68.0479, -23.7034, -35.4176



68.0479, 32.3284, -19.9077



68.0479, 19.0688, 28.0824

Rectangle

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



68.0465, -33.3969, 21.0501



68.0479, -37.1597, -8.0244



68.0479, 32.3284, -19.9077



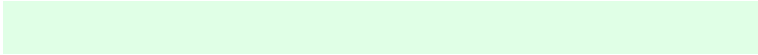
68.0479, 37.9779, 13.6570

Sweetspot

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



68.0479, -33.3980, 21.0507



96.5125, -19.2485, 13.1267



72.1069, -18.5235, 28.9678



44.4878, -9.5710, 6.4491

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0479, -33.3980, 21.0507



89.1132, -50.8341, 32.1042



68.9790, -27.9300, 7.6240



34.5243, -5.7369, 4.0446



51.3415, -43.3713, 29.4537



11.2164, -9.1594, 5.7529

Inverse Universe

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



54.2093, 33.2282, -15.6142



67.2730, 54.8724, -25.7876



52.9180, 26.9481, 2.5795



32.8357, 2.3139, -0.4208



30.8300, 58.3022, -22.7518



6.7751, 12.9208, -5.8417

Previews

White Background



This preview shows how the HunterLab color 68.0465, -33.3969, 21.0501 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 68.0465, -33.3969, 21.0501 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 68.0465, -33.3969, 21.0501 Background



This preview shows how black text looks on a background with the HunterLab color 68.0465, -33.3969, 21.0501.



This preview shows how white text looks on a background with the HunterLab color 68.0465,

-33.3969, 21.0501.

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

68.0465, -33.3969, 21.0501

Protanopia

67.5799, -6.0993, 23.6187

Deuteranopia

67.5715, 4.8908, 19.6120



Tritanopia

67.8507, -15.1641, -8.9265

Trichromacy



Original Color

68.0465, -33.3969, 21.0501

Protanomaly

67.4568, -17.4551, 22.3879

Deuteranomaly

67.0102, -10.7741, 19.4908

Tritanomaly

67.6904, -22.3447, 3.4979

Monochromacy



Original Color

68.0465, -33.3969, 21.0501

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

64.2027, -15.3699, 10.2465

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0465, -33.3969, 21.0501 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(122, 198, 136)` looks like.

```
.text, #text, p{  
    color:rgb(122, 198, 136)  
}
```

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(122, 198, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(122, 198, 136) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0465, -33.3969, 21.0501 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(122, 198, 136) }
```


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

```
.border{ border-color:rgb(122, 198, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(122, 198, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(122, 198, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(122, 198, 136);  
box-shadow:4px 4px 4px 4px rgb(122, 198,  
136) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0465, -33.3969, 21.0501 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(122, 198, 136) }
```

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

```
.background{ background-color: rgb(122,  
198, 136) }
```

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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