

Converting Colors

HunterLab(68.0618, -47.7864,
23.4612)

Have a look what the booklet for
HunterLab(68.0618, -47.7864,
23.4612) contains.

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Color

**HunterLab(68.0838,
-47.7450, 23.3328)**

Conversions

Conversions Part 1

Format	Color
Hex	31CE80
RGB	49, 206, 128
RGB Percent	19%, 81%, 50%
CMY	0.8078, 0.1921, 0.4980
CMYK	0.76, 0.00, 0.38, 0.19
HSL	150°, 62%, 50%
HSV	150°, 76%, 81%
XYZ	27.2341, 46.3540, 27.9338
YIQ	150.1650, -68.5340, -57.5420

Conversions

Conversions Part 2

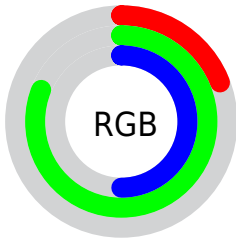
Format	Color
RYB	49, 153, 206
Decimal	3264128
CIELab	73.78, -57.33, 27.70
CIELCh	74, 63.671, 154.210
Yxy	46.3559, 0.2683, 0.4566
Android (android.graphics.Color)	4281454208 (0xFF31CE80)
YUV	150.1650, -10.9273, -88.7217
Hunter-Lab	68.0838, -47.7450, 23.3328

Details

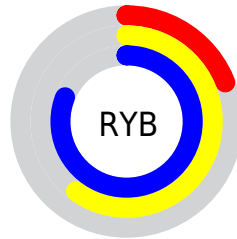
The HunterLab color **68.0838, -47.7450, 23.3328** is a dark color, and the websafe version is hex **33CC66**. The color can be described as dark muted spring green. A complement of this color would be **41.0508, 60.2796, -2.6516**, and the grayscale version is **55.3563, -2.9537, 3.0076**.

A 20% lighter version of the original color is **88.7570, -51.3340, 24.5905**, and **47.2893, -36.3980, 19.4654** is the 20% darker color. If you saturate the color by 10%, you get **67.6013, -50.1295, 25.8092**, and if you desaturate by 10%, it is **68.7558, -44.5825, 20.7744**.

Distribution



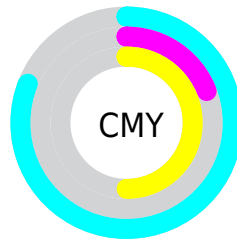
- Red (19%)
- Green (81%)
- Blue (50%)



- Red (19%)
- Yellow (60%)
- Blue (81%)



- Cyan (76%)
- Magenta (0%)
- Yellow (38%)
- Black (19%)



- Cyan (81%)
- Magenta (19%)
- Yellow (50%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.0838, -47.7450, 23.3328 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 68.0838, -47.7450, 23.3328 by changing the saturation by 10% instead.

■ 68.0838, -47.7450,
23.3328

■ 68.0838, -47.7450,
23.3328

192.9346,
-77.7129, 41.0008

■ 57.0322, -43.8218,
21.1705

■ 92.0605, -55.0874,
27.4734

■ 46.6521, -39.6736,
18.9212

■ 104.9221,
-58.5631, 29.4762

■ 36.9915, -35.2383,
16.5577

■ 118.3325,
-61.9364, 31.4464

■ 28.1087, -30.4245,
14.0402

■ 132.2700,
-65.2226, 33.3906

■ 20.0790, -25.0922,
11.3114

■ 146.7154,
-68.4341, 35.3142

■ 13.0050, -22.0719,
9.1035

161.6515,

■ 6.4654, -11.3144,

-71.5809, 37.2215

4.5258

177.0627,
-74.6715, 39.1161

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.0838, -47.7450,
23.3328

■ 68.0838, -47.7450,
23.3328

■ 67.6013, -50.1295,
25.8092

■ 68.7558, -44.5825,
20.7744

■ 67.2811, -51.8089,
28.1636

■ 69.6285, -40.6062,
18.1699


■ 67.1839, -52.3363,
29.0050


■ 70.7136, -35.8143,
15.5563


■ 72.0169, -30.2299,
12.9684

■ 73.5404, -23.8963,

10.4381

 75.2832, -16.8718,
7.9931

 77.2414, -9.2244,
5.6569

 79.4094, -1.0271,
3.4476

 81.7796, 7.6467,
1.3785

Harmonies

Analogous

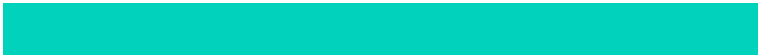
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.0852, -32.8200, 35.0333



68.0838, -47.7450, 23.3328



68.0852, -51.6807, -0.3973

Triad

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



68.0852, -47.7457, 23.3333



68.0852, 0.6001, -75.6142



68.0852, 50.2245, 27.6925

Complementary

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



68.0838, -47.7450, 23.3328



41.0508, 60.2796, -2.6516

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.



68.0852, 63.0703, 7.5689



68.0838, -47.7450, 23.3328



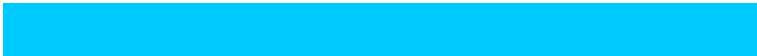
68.0852, 31.4781, -58.1392

Square

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



68.0852, -47.7457, 23.3333



68.0852, -26.7105, -65.4533



68.0852, 55.6846, -24.3680



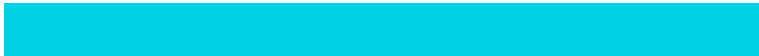
68.0852, 22.9893, 36.6888

Rectangle

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



68.0838, -47.7450, 23.3328



68.0852, -48.2268, -22.5001



68.0852, 55.6846, -24.3680



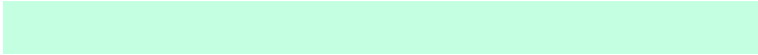
68.0852, 56.5621, 22.4080

Sweetspot

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



68.0852, -47.7457, 23.3333



94.2264, -27.8865, 12.3625



69.9406, -42.1197, 39.8961



43.2364, -14.3586, 6.2540

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.0852, -47.7457, 23.3333



85.7826, -65.1700, 34.6463



70.1810, -35.1197, -6.7024



35.5381, -5.4365, 2.9630



52.7374, -40.9526, 22.4876



12.0421, -8.9072, 4.1764

Inverse Universe

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



41.0508, 60.2796, -2.6516



48.6957, 83.9515, 2.0896



39.4221, 53.7518, 20.8620



33.6230, 1.8976, 0.8661



29.4865, 52.5805, 2.8986



6.8108, 12.3542, -0.9516

Previews

White Background



This preview shows how the HunterLab color 68.0838, -47.7450, 23.3328 looks on a white background.

Color Contrast Check

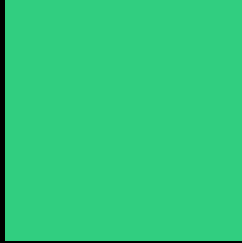
Large Text (above 18pt) WCAG AA × Fail

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 68.0838, -47.7450, 23.3328 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

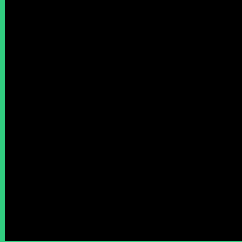
Any Text WCAG AA ✓ Pass

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 68.0838, -47.7450, 23.3328 Background



This preview shows how black text looks on a background with the HunterLab color 68.0838, -47.7450, 23.3328.



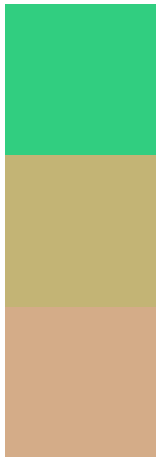
This preview shows how white text looks on a background with the HunterLab color 68.0838,

-47.7450, 23.3328.

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

68.0838, -47.7450, 23.3328

Protanopia

67.4752, -6.8739, 26.6695

Deuteranopia

67.2902, 5.1887, 21.0314



Tritanopia

67.9792, -25.8492, -12.8897

Trichromacy



Original Color

68.0838, -47.7450, 23.3328



Protanomaly

65.9746, -26.7011, 23.9294



Deuteranomaly

65.3810, -20.1965, 19.8109



Tritanomaly

67.8684, -35.2843, 3.0120

Monochromacy



Original Color

68.0838, -47.7450, 23.3328



Achromatopsia

55.2257, -2.9467, 3.0005



Achromatomaly

58.4920, -22.8116, 9.7028

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.0838, -47.7450, 23.3328 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(49, 206, 128)` looks like.

```
.text, #text, p{  
    color:rgb(49, 206, 128)  
}
```

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(49, 206, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(49, 206, 128) }
```

Border

The CSS property to change the border of an element to HunterLab 68.0838, -47.7450, 23.3328 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(49, 206, 128) }
```


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

```
.border{ border-color:rgb(49, 206, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(49, 206, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(49, 206, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(49, 206, 128);  
box-shadow:4px 4px 4px 4px rgb(49, 206,  
128) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.0838, -47.7450, 23.3328 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(49, 206, 128) }
```

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

```
.background{ background-color: rgb(49, 206,  
128) }
```

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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