

Converting Colors

HunterLab(67.3977, -42.3901,
15.9389)

Have a look what the booklet for
HunterLab(67.3977, -42.3901,
15.9389) contains.

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Color

**HunterLab(67.4298,
-42.3048, 15.8079)**

Conversions

Conversions Part 1

Format	Color
Hex	3FCA95
RGB	63, 202, 149
RGB Percent	25%, 79%, 58%
CMY	0.7529, 0.2078, 0.4157
CMYK	0.69, 0.00, 0.26, 0.21
HSL	157°, 57%, 52%
HSV	157°, 69%, 79%
XYZ	28.5953, 45.4678, 35.7028
YIQ	154.3970, -65.8310, -45.9510

Conversions

Conversions Part 2

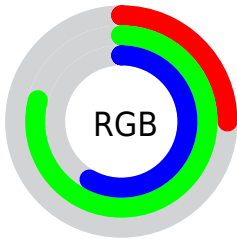
Format	Color
RYB	63, 149, 202
Decimal	4180629
CIELab	73.20, -49.44, 15.88
CIELCh	73, 51.931, 162.198
Yxy	45.4696, 0.2605, 0.4142
Android (android.graphics.Color)	4282370709 (0xFF3FCA95)
YUV	154.3970, -2.6607, -80.1552
Hunter-Lab	67.4298, -42.3048, 15.8079

Details

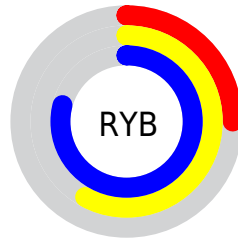
The HunterLab color **67.4298, -42.3048, 15.8079** is a dark color, and the websafe version is hex **33CC99**. The color can be described as middle muted spring green. A complement of this color would be **41.6817, 52.4839, 3.0972**, and the grayscale version is **57.0380, -3.0434, 3.0990**.

A 20% lighter version of the original color is **89.6347, -46.7516, 17.0415**, and **46.6361, -33.2400, 13.4644** is the 20% darker color. If you saturate the color by 10%, you get **66.8461, -45.0441, 17.9472**, and if you desaturate by 10%, it is **68.2021, -38.8288, 13.7308**.

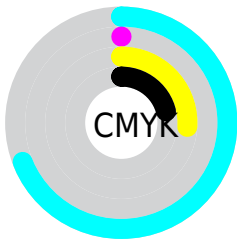
Distribution



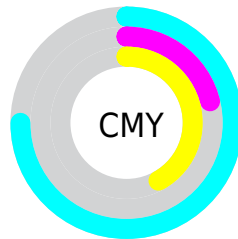
- Red (25%)
- Green (79%)
- Blue (58%)



- Red (25%)
- Yellow (58%)
- Blue (79%)



- Cyan (69%)
- Magenta (0%)
- Yellow (26%)
- Black (21%)



- Cyan (75%)
- Magenta (21%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.4298, -42.3048, 15.8079 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 67.4298, -42.3048, 15.8079 by changing the saturation by 10% instead.

67.4298, -42.3048,
15.8079

67.4298, -42.3048,
15.8079

192.0084,
-68.8945, 28.5955

56.4158, -38.8694,
14.3549

91.3371, -48.7626,
18.6662

46.0758, -35.2477,
12.8727

104.1664,
-51.8326, 20.0822

36.4583, -31.3865,
11.3479

117.5457,
-54.8202, 21.4950

27.6224, -27.2059,
9.7592

131.4535,
-57.7382, 22.9077

19.6446, -22.5813,
8.0717

145.8701,
-60.5969, 24.3225

12.6296, -19.5305,
6.5820

160.7784,

5.9520, -10.4160,

-63.4047, 25.7411

4.1664

176.1626,
-66.1686, 27.1651

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.4298, -42.3048,
15.8079

■ 67.4298, -42.3048,
15.8079

■ 66.8461, -45.0441,
17.9472

■ 68.2021, -38.8288,
13.7308

■ 66.4306, -47.0879,
20.1113

■ 69.1703, -34.6007,
11.7461

■ 66.1527, -48.5512,
22.2541


■ 70.3429, -29.6323,
9.8826


■ 66.1232, -48.7096,
22.5017


■ 71.7232, -23.9549,
8.1642


■ 73.3115, -17.6150,

6.6099

 75.1056, -10.6700,
5.2335

 77.1010, -3.1838,
4.0440

 79.2915, 4.7777,
3.0458

 81.6698, 13.1492,
2.2392

Harmonies

Analogous

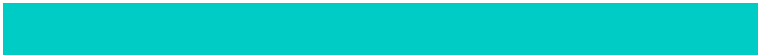
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



67.4311, -31.9991, 28.8484



67.4298, -42.3048, 15.8079



67.4311, -43.1927, -6.3272

Triad

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



67.4311, -42.3054, 15.8085



67.4311, 6.4750, -55.2218



67.4311, 34.2914, 27.0801

Complementary

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



67.4298, -42.3048, 15.8079



41.6817, 52.4839, 3.0972

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.



67.4311, 47.9529, 12.3387



67.4298, -42.3048, 15.8079



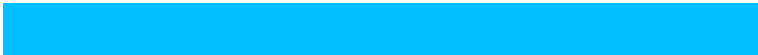
67.4311, 30.4457, -37.8519

Square

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



67.4311, -42.3054, 15.8085



67.4311, -17.1970, -53.2603



67.4311, 46.4541, -11.2513



67.4311, 11.1643, 33.6045

Rectangle

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



67.4298, -42.3048, 15.8079



67.4311, -38.5161, -24.3077



67.4311, 46.4541, -11.2513



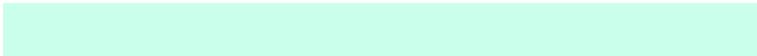
67.4311, 40.2800, 23.1933

Sweetspot

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



67.4311, -42.3054, 15.8085



94.8546, -25.0401, 9.0806



68.0693, -42.3937, 37.1052



43.6125, -12.6653, 4.4598

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.4311, -42.3054, 15.8085



86.6653, -60.1338, 24.8510



63.5212, -26.2264, -13.4748



35.5692, -5.2630, 2.5184



53.0583, -38.9694, 17.8055



12.1113, -8.4823, 3.1729

Inverse Universe

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



41.6817, 52.4839, 3.0972



49.4671, 78.5492, 8.9797



43.0580, 41.0038, 20.7736



33.5906, 1.7235, 1.3277



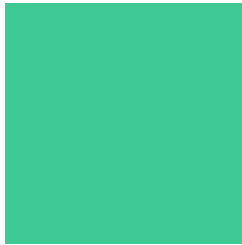
29.0536, 50.9982, 9.1383



6.7094, 11.9866, 0.4861

Previews

White Background



This preview shows how the HunterLab color 67.4298, -42.3048, 15.8079 looks on a white background.

Color Contrast Check

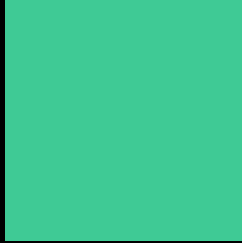
Large Text (above 18pt) WCAG AA × Fail

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 67.4298, -42.3048, 15.8079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

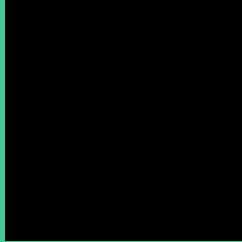
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

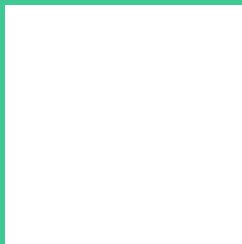
Any Text WCAG AAA ✓ Pass

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

HunterLab 67.4298, -42.3048, 15.8079 Background



This preview shows how black text looks on a background with the HunterLab color 67.4298, -42.3048, 15.8079.



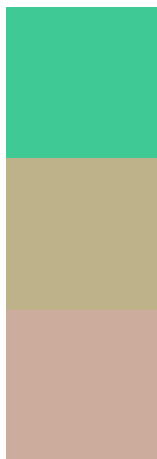
This preview shows how white text looks on a background with the HunterLab color 67.4298, -42.3048, 15.8079.

-42.3048, 15.8079.

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

67.4298, -42.3048, 15.8079

Protanopia

66.8004, -5.3574, 19.7269

Deuteranopia

66.8900, 4.7759, 13.4220



Tritanopia

67.3138, -25.1223, -12.6662

Trichromacy



Original Color

67.4298, -42.3048, 15.8079



Protanomaly

65.8961, -22.8003, 17.1800



Deuteranomaly

65.5280, -17.0990, 12.8106



Tritanomaly

67.2500, -32.0398, -1.0673

Monochromacy



Original Color

67.4298, -42.3048, 15.8079



Achromatopsia

56.8457, -3.0331, 3.0885



Achromatomaly

59.5464, -19.9253, 6.7656

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.4298, -42.3048, 15.8079 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(63, 202, 149)` looks like.

```
.text, #text, p{  
    color:rgb(63, 202, 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(63, 202, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(63, 202, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 67.4298, -42.3048, 15.8079 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(63, 202, 149) }
```


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

```
.border{ border-color:rgb(63, 202, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(63, 202, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(63, 202, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(63, 202, 149);  
box-shadow:4px 4px 4px 4px rgb(63, 202,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.4298, -42.3048, 15.8079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(63, 202, 149) }
```

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

```
.background{ background-color: rgb(63, 202,  
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](#).

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