

Converting Colors

HunterLab(68.5214, -42.6148,
15.8938)

Have a look what the booklet for
HunterLab(68.5214, -42.6148,
15.8938) contains.

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Color

**HunterLab(68.6206,
-42.7101, 15.8694)**

Conversions

Conversions Part 1	
Format	Color
Hex	42CD98
RGB	66, 205, 152
RGB Percent	26%, 80%, 60%
CMY	0.7412, 0.1961, 0.4039
CMYK	0.68, 0.00, 0.26, 0.20
HSL	157°, 58%, 53%
HSV	157°, 68%, 80%
XYZ	29.7456, 47.0879, 37.2269
YIQ	157.3970, -65.8310, -45.9510

Conversions

Conversions Part 2

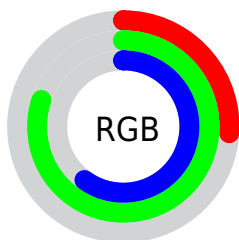
Format	Color
RYB	66, 152, 205
Decimal	4378008
CIELab	74.25, -49.52, 15.75
CIELCh	74, 51.967, 162.361
Yxy	47.0897, 0.2608, 0.4128
Android (android.graphics.Color)	4282568088 (0xFF42CD98)
YUV	157.3970, -2.6607, -80.1552
Hunter-Lab	68.6206, -42.7101, 15.8694

Details

The HunterLab color **68.6206, -42.7101, 15.8694** 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 **42.6715, 52.7274, 2.9648**, and the grayscale version is **58.2587, -3.1085, 3.1653**.

A 20% lighter version of the original color is **89.8455, -45.7602, 16.0274**, and **47.6993, -33.8700, 13.4955** is the 20% darker color. If you saturate the color by 10%, you get **68.0095, -45.5668, 18.0421**, and if you desaturate by 10%, it is **69.4251, -39.1004, 13.7633**.

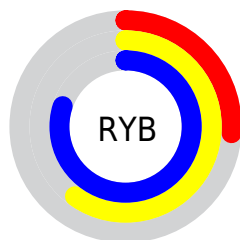
Distribution



Red (26%)

Green (80%)

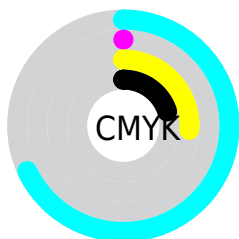
Blue (60%)



Red (26%)

Yellow (60%)

Blue (80%)

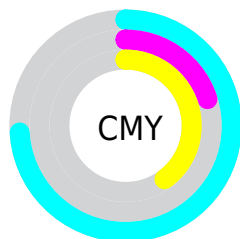


Cyan (68%)

Magenta (0%)

Yellow (26%)

Black (20%)



Cyan (74%)


Magenta (20%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 68.6206, -42.7101, 15.8694 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 68.6206, -42.7101, 15.8694 by changing the saturation by 10% instead.


 68.6206, -42.7101,
15.8694

 68.6206, -42.7101,
15.8694


193.6937,
-69.2667, 28.6046


 57.5383, -39.2867,
14.4262


 92.6540, -49.1520,
18.7117


 47.1255, -35.6813,
12.9557


 105.5420,
-52.2168, 20.1210


 37.4298, -31.8425,
11.4450


 118.9776,
-55.2005, 21.5278

 28.5089, -27.6937,
9.8742

 132.9395,
-58.1155, 22.9350

 20.4369, -23.1160,
8.2103

 147.4084,
-60.9721, 24.3447

 13.3149, -19.4113,
6.5756

162.3672,

 6.8570, -11.9997,

-63.7784, 25.7586

4.7999

177.8004,
-66.5414, 27.1782

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.6206, -42.7101,
15.8694

■ 68.6206, -42.7101,
15.8694

■ 68.0095, -45.5668,
18.0421

■ 69.4251, -39.1004,
13.7633

■ 67.5715, -47.7095,
20.2436

■ 70.4301, -34.7248,
11.7542

■ 67.2803, -49.2349,
22.4311


■ 71.6437, -29.5974,
9.8711


■ 67.2252, -49.5312,
22.8981

■ 73.0690, -23.7516,
8.1378


■ 74.7062, -17.2364,

6.5734

 76.5525, -10.1111,
5.1913

 78.6034, -2.4411,
4.0003

 80.8523, 5.7062,
3.0043

 83.2917, 14.2645,
2.2032

Harmonies

Analogous

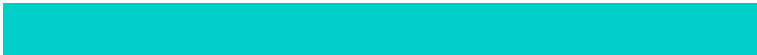
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.6220, -32.3596, 29.1050



68.6206, -42.7101, 15.8694



68.6220, -43.5546, -6.4620

Triad

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



68.6220, -42.7107, 15.8701



68.6220, 6.6117, -55.3057



68.6220, 34.3283, 27.4174

Complementary

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



68.6206, -42.7101, 15.8694



42.6715, 52.7274, 2.9648

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.



68.6220, 48.1200, 12.5739



68.6206, -42.7101, 15.8694



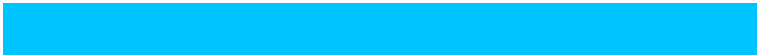
68.6220, 30.6894, -37.8226

Square

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



68.6220, -42.7107, 15.8701



68.6220, -17.2395, -53.4560



68.6220, 46.7027, -11.1219



68.6220, 11.0539, 34.0001

Rectangle

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



68.6206, -42.7101, 15.8694



68.6220, -38.7984, -24.5228



68.6220, 46.7027, -11.1219



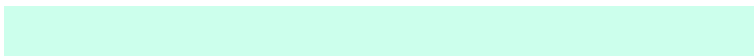
68.6220, 40.3634, 23.4992

Sweetspot

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



68.6220, -42.7107, 15.8701



95.0724, -24.1785, 8.8825



69.2820, -42.7582, 37.5313



43.7049, -12.2967, 4.3698

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.6220, -42.7107, 15.8701



86.7776, -59.5833, 24.2797



64.7069, -26.5659, -13.5174



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.



42.6715, 52.7274, 2.9648



49.9486, 77.5500, 8.2171



44.0919, 41.0322, 20.9558



33.5906, 1.7235, 1.3277



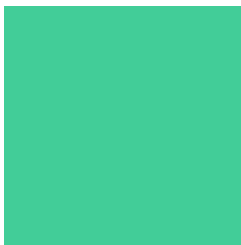
29.0536, 50.9982, 9.1384



6.7094, 11.9866, 0.4861

Previews

White Background



This preview shows how the HunterLab color 68.6206, -42.7101, 15.8694 looks on a white background.

Color Contrast Check

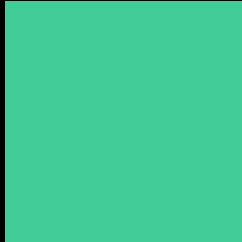
Large Text (above 18pt) WCAG AA × Fail

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 68.6206, -42.7101, 15.8694 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

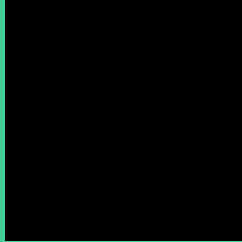
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

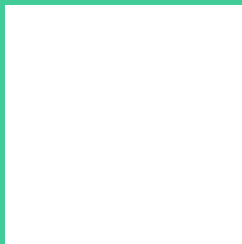
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.6206, -42.7101, 15.8694 Background



This preview shows how black text looks on a background with the HunterLab color 68.6206, -42.7101, 15.8694.



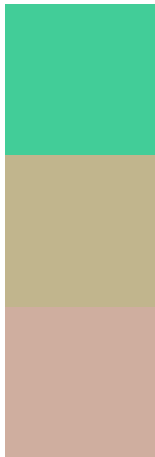
This preview shows how white text looks on a background with the HunterLab color 68.6206, -42.7101, 15.8694.

-42.7101, 15.8694.

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

68.6206, -42.7101, 15.8694

Protanopia

68.0502, -5.4465, 19.8815

Deuteranopia



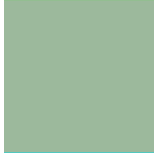
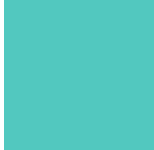
67.8533, 5.2304, 13.2411




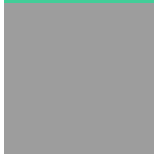
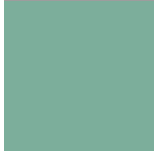
Tritanopia

68.5279, -25.3942, -12.6827

Trichromacy

	Original Color 68.6206, -42.7101, 15.8694
	Protanomaly 67.1374, -22.9543, 17.3110
	Deuteranomaly 66.4576, -16.7605, 12.5972
	Tritanomaly 68.4573, -32.3512, -1.0730

Monochromacy

	Original Color 68.6206, -42.7101, 15.8694
	Achromatopsia 58.0658, -3.0982, 3.1548
	Achromatomaly 60.7649, -20.0785, 6.8339

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.6206, -42.7101, 15.8694 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(66, 205, 152)` looks like.

```
.text, #text, p{  
    color:rgb(66, 205, 152)  
}
```

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(66, 205, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(66, 205, 152) }
```

Border

The CSS property to change the border of an element to HunterLab 68.6206, -42.7101, 15.8694 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(66, 205, 152) }
```


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

```
.border{ border-color:rgb(66, 205, 152) }
```

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

Here you see how a box with a 4 pixel rgb(66, 205, 152) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(66, 205, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(66, 205, 152);  
box-shadow:4px 4px 4px 4px rgb(66, 205,  
152) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.6206, -42.7101, 15.8694 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(66, 205, 152) }
```

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

```
.background{ background-color: rgb(66, 205,  
152) }
```

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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