

Converting Colors

HunterLab(68.2802, -42.9979,
13.1113)

Have a look what the booklet for
HunterLab(68.2802, -42.9979,
13.1113) contains.

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Color

**HunterLab(68.4174,
-43.2394, 13.3692)**

Conversions

Conversions Part 1

Format	Color
Hex	32CD9E
RGB	50, 205, 158
RGB Percent	20%, 80%, 62%
CMY	0.8039, 0.1961, 0.3804
CMYK	0.76, 0.00, 0.23, 0.20
HSL	162°, 61%, 50%
HSV	162°, 76%, 80%
XYZ	29.3183, 46.8094, 39.8376
YIQ	153.2970, -77.2930, -47.4770

Conversions

Conversions Part 2

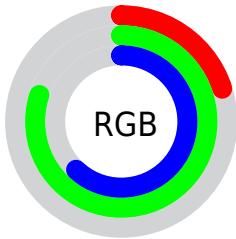
Format	Color
RYB	50, 141, 205
Decimal	3329438
CIELab	74.07, -50.39, 12.24
CIELCh	74, 51.855, 166.342
Yxy	46.8112, 0.2528, 0.4037
Android (android.graphics.Color)	4281519518 (0xFF32CD9E)
YUV	153.2970, 2.3186, -90.5915
Hunter-Lab	68.4174, -43.2394, 13.3692

Details

The HunterLab color **68.4174, -43.2394, 13.3692** 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 **40.1555, 56.3132, 9.0281**, and the grayscale version is **56.5756, -3.0187, 3.0739**.

A 20% lighter version of the original color is **89.5802, -46.4175, 12.7213**, and **47.8270, -33.0879, 11.6477** is the 20% darker color. If you saturate the color by 10%, you get **67.9654, -45.3935, 15.2516**, and if you desaturate by 10%, it is **69.0460, -40.3904, 11.5906**.

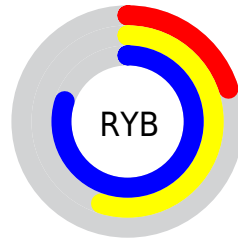
Distribution



Red (20%)

Green (80%)

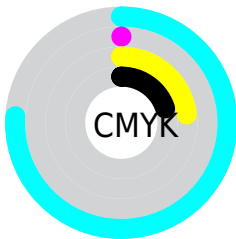
Blue (62%)



Red (20%)

Yellow (55%)

Blue (80%)

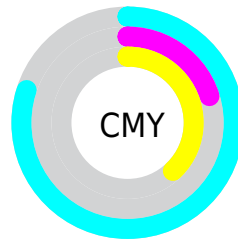


Cyan (76%)

Magenta (0%)

Yellow (23%)

Black (20%)



Cyan (80%)

Magenta (20%)

Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.4174, -43.2394, 13.3692 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 68.4174, -43.2394, 13.3692 by changing the saturation by 10% instead.

■ 68.4174, -43.2394,
13.3692

■ 68.4174, -43.2394,
13.3692

193.4065,
-70.1785, 24.7253

■ 57.3467, -39.7591,
12.1244

■ 92.4293, -49.7829,
15.8517

■ 46.9462, -36.0916,
10.8681

■ 105.3073,
-52.8939, 17.0957

■ 37.2638, -32.1841,
9.5916

■ 118.7334,
-55.9213, 18.3451

■ 28.3573, -27.9578,
8.2806

■ 132.6861,
-58.8779, 19.6019

■ 20.3013, -23.2908,
6.9115

■ 147.1462,
-61.7741, 20.8674

■ 13.1974, -19.7102,
5.4652

162.0964,

■ 6.7116, -11.7452,

-64.6185, 22.1426

4.6981

177.5212,
-67.4180, 23.4283

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.4174, -43.2394,
13.3692

■ 68.4174, -43.2394,
13.3692

■ 67.9654, -45.3935,
15.2516

■ 69.0460, -40.3904,
11.5906

■ 67.6641, -46.9224,
17.1982

■ 69.8624, -36.8085,
9.9461


■ 67.5592, -47.4785,
18.0493


■ 70.8783, -32.4857,
8.4639


■ 72.0999, -27.4358,
7.1662

■ 73.5301, -21.6917,

6.0698

 75.1687, -15.3005,
5.1862

 77.0132, -8.3187,
4.5215

 79.0588, -0.8089,
4.0770

 81.2993, 7.1647,
3.8499

Harmonies

Analogous

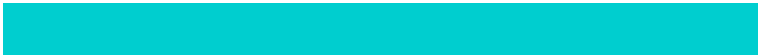
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



68.4187, -34.1585, 27.7697



68.4174, -43.2394, 13.3692



68.4187, -42.8121, -9.9320

Triad

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



68.4187, -43.2399, 13.3699



68.4187, 9.9313, -53.7936



68.4187, 31.5082, 28.6250

Complementary

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



68.4174, -43.2394, 13.3692



40.1555, 56.3132, 9.0281

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.



68.4187, 46.9452, 15.0409



68.4174, -43.2394, 13.3692



68.4187, 33.3536, -34.4044

Square

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



68.4187, -43.2399, 13.3699



68.4187, -14.2945, -54.7318



68.4187, 47.6640, -7.5690



68.4187, 7.6787, 34.2777

Rectangle

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



68.4174, -43.2394, 13.3692



68.4187, -37.2342, -28.0277



68.4187, 47.6640, -7.5690



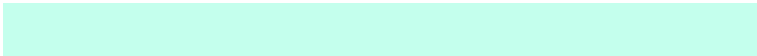
68.4187, 37.9874, 25.0987

Sweetspot

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



68.4187, -43.2399, 13.3699



94.5673, -25.9399, 7.4820



68.2293, -47.2904, 38.5917



43.4165, -13.3240, 3.6740

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.4187, -43.2399, 13.3699



86.7115, -59.4595, 21.1453



60.3057, -22.7272, -20.0247



35.5905, -5.1445, 2.2146



53.3204, -37.3594, 14.0023



12.1647, -8.1560, 2.4018

Inverse Universe

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



40.1555, 56.3132, 9.0281



47.6096, 79.9075, 17.7470



43.2656, 41.9012, 23.2572



33.5690, 1.6071, 1.6363



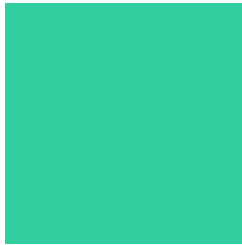
28.8315, 50.1815, 12.3776



6.6514, 11.7752, 1.3176

Previews

White Background



This preview shows how the HunterLab color 68.4174, -43.2394, 13.3692 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 68.4174, -43.2394, 13.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

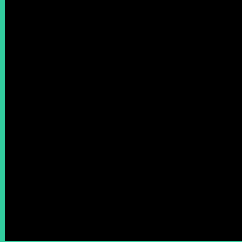
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

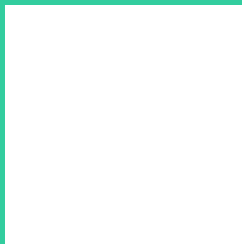
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.4174, -43.2394, 13.3692 Background



This preview shows how black text looks on a background with the HunterLab color 68.4174, -43.2394, 13.3692.



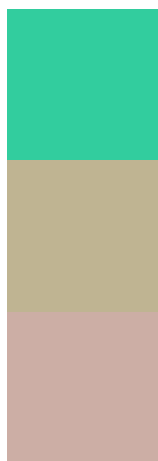
This preview shows how white text looks on a background with the HunterLab color 68.4174,

-43.2394, 13.3692.

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

68.4174, -43.2394, 13.3692

Protanopia

67.6714, -5.0140, 17.7850

Deuteranopia

67.6950, 5.0150, 10.6235



Tritanopia

68.4876, -27.1829, -13.3488

Trichromacy



Original Color

68.4174, -43.2394, 13.3692



Protanomaly

66.4625, -23.6040, 14.8004



Deuteranomaly

66.0322, -18.0149, 9.6811



Tritanomaly

68.4816, -33.8057, -2.5823

Monochromacy



Original Color

68.4174, -43.2394, 13.3692



Achromatopsia

56.4399, -3.0115, 3.0665



Achromatomaly

59.6528, -20.9926, 5.5686

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.4174, -43.2394, 13.3692 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(50, 205, 158)` looks like.

```
.text, #text, p{  
    color:rgb(50, 205, 158)  
}
```

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(50, 205, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(50, 205, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 68.4174, -43.2394, 13.3692 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(50, 205, 158) }
```


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

```
.border{ border-color:rgb(50, 205, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(50, 205, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(50, 205, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(50, 205, 158);  
box-shadow:4px 4px 4px 4px rgb(50, 205,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.4174, -43.2394, 13.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(50, 205, 158) }
```

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

```
.background{ background-color: rgb(50, 205,  
158) }
```

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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