

Converting Colors

HunterLab(68.7386, -36.1525,
0.1767)

Have a look what the booklet for
HunterLab(68.7386, -36.1525,
0.1767) contains.

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Color

**HunterLab(68.8317,
-36.2629, 0.3088)**

Conversions

Conversions Part 1

Format	Color
Hex	3DCBBD
RGB	61, 203, 189
RGB Percent	24%, 80%, 74%
CMY	0.7608, 0.2039, 0.2588
CMYK	0.70, 0.00, 0.07, 0.20
HSL	174°, 58%, 52%
HSV	174°, 70%, 80%
XYZ	32.4656, 47.3780, 55.5778
YIQ	158.9460, -80.1380, -34.4580

Conversions

Conversions Part 2

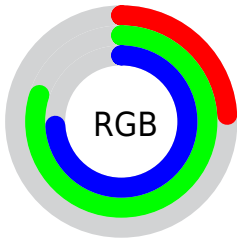
Format	Color
RYB	61, 136, 203
Decimal	4049853
CIELab	74.43, -40.27, -3.92
CIELCh	74, 40.464, 185.560
Yxy	47.3798, 0.2397, 0.3499
Android (android.graphics.Color)	4282239933 (0xFF3DCBBD)
YUV	158.9460, 14.8166, -85.8986
Hunter-Lab	68.8317, -36.2629, 0.3088

Details

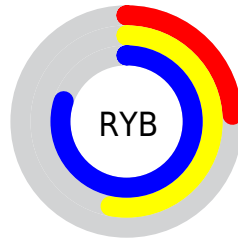
The HunterLab color **68.8317, -36.2629, 0.3088** is a dark color, and the websafe version is hex **33CCCC**. The color can be described as middle muted spring green. A complement of this color would be **40.6735, 49.8104, 16.2291**, and the grayscale version is **58.8261, -3.1388, 3.1961**.

A 20% lighter version of the original color is **90.9405, -39.1321, -0.9687**, and **47.9139, -27.8417, 0.2140** is the 20% darker color. If you saturate the color by 10%, you get **68.3861, -38.1622, 0.7109**, and if you desaturate by 10%, it is **69.4536, -33.6972, 0.1283**.

Distribution



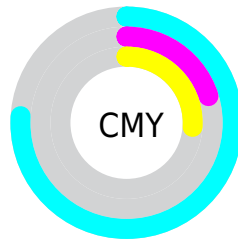
- Red (24%)
- Green (80%)
- Blue (74%)



- Red (24%)
- Yellow (53%)
- Blue (80%)



- Cyan (70%)
- Magenta (0%)
- Yellow (7%)
- Black (20%)



- Cyan (76%)
- Magenta (20%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.8317, -36.2629, 0.3088 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 68.8317, -36.2629, 0.3088 by changing the saturation by 10% instead.

68.8317, -36.2629,
0.3088

68.8317, -36.2629,
0.3088

193.9919,
-58.8898, 5.7647

57.7374, -33.4097,
-0.1088

92.8872, -41.6732,
1.2750

47.3117, -30.4219,
-0.4795

105.7855,
-44.2659, 1.8163

37.6023, -27.2599,
-0.7979

119.2311,
-46.8010, 2.3937

28.6664, -23.8641,
-1.0575

133.2025,
-49.2881, 3.0053

20.5780, -20.1405,
-1.2497

147.6807,
-51.7348, 3.6496

13.4373, -16.4026,
-1.3621

162.6484,

7.0047, -12.2582,

-54.1473, 4.3250

-1.9388

178.0902,
-56.5309, 5.0304

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.8317, -36.2629,
0.3088

■ 68.8317, -36.2629,
0.3088

■ 68.3861, -38.1622,
0.7109

■ 69.4536, -33.6972,
0.1283

■ 68.0948, -39.4502,
1.3060

■ 70.2607, -30.4351,
0.1848

■ 67.9211, -40.2705,
2.0427


■ 71.2633, -26.4709,
0.4903


■ 67.9203, -40.2745,
2.0467


■ 72.4667, -21.8183,
1.0491


■ 73.8729, -16.5072,

1.8598

 75.4817, -10.5800,
2.9157

 77.2901, -4.0881,
4.2061

 79.2937, 2.9121,
5.7173

 81.4865, 10.3623,
7.4334

Harmonies

Analogous

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



68.8330, -33.7561, 16.5789



68.8317, -36.2629, 0.3088



68.8330, -30.8347, -19.5628

Triad

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



68.8330, -36.2632, 0.3097



68.8330, 18.7769, -30.7583



68.8330, 12.0264, 28.3880

Complementary

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



68.8317, -36.2629, 0.3088



40.6735, 49.8104, 16.2291

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.



68.8330, 28.4789, 20.9829



68.8317, -36.2629, 0.3088



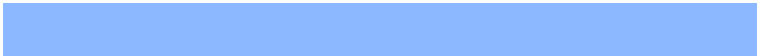
68.8330, 32.6616, -12.1593

Square

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



68.8330, -36.2632, 0.3097



68.8330, -0.1171, -40.3477



68.8330, 36.3904, 7.0153



68.8330, -7.1649, 30.0523

Rectangle

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



68.8317, -36.2629, 0.3088



68.8330, -23.0608, -31.3287



68.8330, 36.3904, 7.0153



68.8330, 18.1230, 26.6082

Sweetspot

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



68.8330, -36.2632, 0.3097



95.3334, -22.3235, 2.2482



66.7492, -49.6434, 36.3390



43.8623, -11.2419, 0.8948

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.8330, -36.2632, 0.3097



88.2728, -50.3365, 1.2896



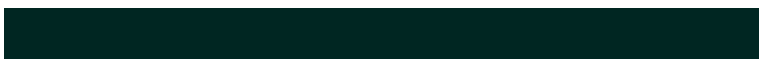
50.9168, -8.4195, -34.5662



35.6472, -4.8289, 1.4059



54.1891, -32.0860, 1.5328



12.3310, -7.1497, 0.0214

Inverse Universe

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



40.6735, 49.8104, 16.2291



48.1446, 74.7777, 25.3770



50.9363, 22.7475, 26.6448



33.5132, 1.3071, 2.4320



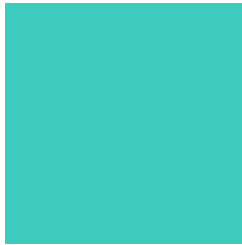
28.4929, 48.9299, 17.3654



6.5200, 11.2925, 3.2304

Previews

White Background



This preview shows how the HunterLab color 68.8317, -36.2629, 0.3088 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 68.8317, -36.2629, 0.3088 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

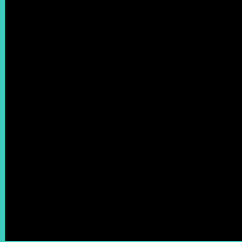
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

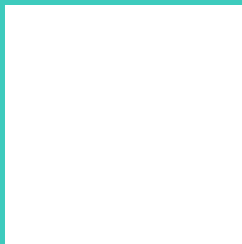
Any Text WCAG AAA ✓ Pass

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

HunterLab 68.8317, -36.2629, 0.3088 Background



This preview shows how black text looks on a background with the HunterLab color 68.8317, -36.2629, 0.3088.



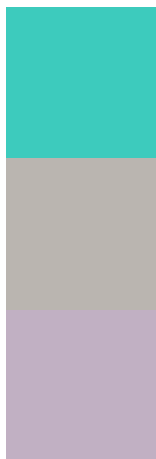
This preview shows how white text looks on a background with the HunterLab color 68.8317,

-36.2629, 0.3088.

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

68.8317, -36.2629, 0.3088

Protanopia

68.2799, -2.8685, 6.3572

Deuteranopia

68.0649, 5.1089, -2.9430



Tritanopia

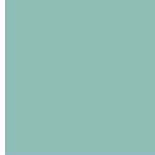
68.7379, -27.8684, -13.5853

Trichromacy



Original Color

68.8317, -36.2629, 0.3088



Protanomaly

67.3751, -18.4962, 2.7224



Deuteranomaly

67.0730, -13.9560, -3.5120



Tritanomaly

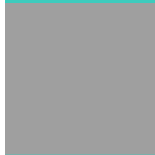
68.6053, -30.7625, -8.7282

Monochromacy



Original Color

68.8317, -36.2629, 0.3088



Achromatopsia

58.8816, -3.1418, 3.1991



Achromatomaly

61.4599, -18.2348, 0.8645

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.8317, -36.2629, 0.3088 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(61, 203, 189)` looks like.

```
.text, #text, p{  
    color:rgb(61, 203, 189)  
}
```

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(61, 203, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(61, 203, 189) }
```

Border

The CSS property to change the border of an element to HunterLab 68.8317, -36.2629, 0.3088 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(61, 203, 189) }
```


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

```
.border{ border-color:rgb(61, 203, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(61, 203, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(61, 203, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(61, 203, 189);  
box-shadow:4px 4px 4px 4px rgb(61, 203,  
189) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.8317, -36.2629, 0.3088 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(61, 203, 189) }
```

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

```
.background{ background-color: rgb(61, 203,  
189) }
```

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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