

Converting Colors

HunterLab(63.2168, -38.1980,
9.9916)

Have a look what the booklet for
HunterLab(63.2168, -38.1980,
9.9916) contains.

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Color

**HunterLab(63.1323,
-38.1585, 9.9310)**

Conversions

Conversions Part 1

Format	Color
Hex	34BE99
RGB	52, 190, 153
RGB Percent	20%, 75%, 60%
CMY	0.7961, 0.2549, 0.4000
CMYK	0.73, 0.00, 0.19, 0.25
HSL	164°, 57%, 47%
HSV	164°, 73%, 75%
XYZ	25.5794, 39.8569, 36.4819
YIQ	144.5200, -70.3710, -40.7630

Conversions

Conversions Part 2

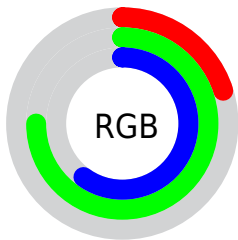
Format	Color
RYB	52, 132, 190
Decimal	3456665
CIELab	69.37, -45.15, 8.28
CIELCh	69, 45.900, 169.614
Yxy	39.8584, 0.2510, 0.3911
Android (android.graphics.Color)	4281646745 (0xFF34BE99)
YUV	144.5200, 4.1806, -81.1400
Hunter-Lab	63.1323, -38.1585, 9.9310

Details

The HunterLab color **63.1323, -38.1585, 9.9310** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **37.5838, 49.4851, 9.1132**, and the grayscale version is **53.0245, -2.8293, 2.8809**.

A 20% lighter version of the original color is **86.5321, -44.1761, 12.1002**, and **43.0902, -29.0020, 8.7480** is the 20% darker color. If you saturate the color by 10%, you get **62.6792, -40.2601, 11.4523**, and if you desaturate by 10%, it is **63.7495, -35.4209, 8.5368**.

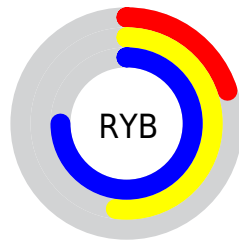
Distribution



Red (20%)

Green (75%)

Blue (60%)



Red (20%)

Yellow (52%)

Blue (75%)

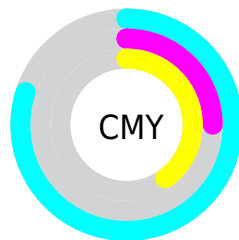


Cyan (73%)

Magenta (0%)

Yellow (19%)

Black (25%)



Cyan (80%)


Magenta (25%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 63.1323, -38.1585, 9.9310 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 63.1323, -38.1585, 9.9310 by changing the saturation by 10% instead.


 63.1323, -38.1585,
9.9310


 63.1323, -38.1585,
9.9310


185.8834,
-63.1291, 19.7038


 52.3719, -34.9328,
8.9074


 86.5725, -44.2161,
12.0071


 42.3026, -31.5269,
7.8872


 99.1846, -47.0958,
13.0625


 32.9768, -27.8854,
6.8652


 112.3560,
-49.8991, 14.1316

 24.4594, -23.9233,
5.8314

 126.0636,
-52.6384, 15.2152

 16.8360, -19.5031,
4.7679

 140.2875,
-55.3236, 16.3139

 10.2272, -17.8976,
3.9663

155.0093,

0.0000, NaN, NaN

-57.9630, 17.4280

0.0000, NaN, NaN

170.2129,
-60.5629, 18.5579

0.0000, NaN, NaN

■ 63.1323, -38.1585,
9.9310

■ 63.1323, -38.1585,
9.9310

■ 62.6792, -40.2601,
11.4523

■ 63.7495, -35.4209,
8.5368

■ 62.3692, -41.7776,
13.0674

■ 64.5395, -32.0206,
7.2940

■ 62.2045, -42.6326,
14.2812

■ 65.5116, -27.9557,
6.2247

■ 66.6707, -23.2431,
5.3452

■ 68.0187, -17.9150,
4.6667

■ 69.5548, -12.0154,
4.1955

■ 71.2762, -5.5960,
3.9333

■ 73.1785, 1.2871,
3.8777

■ 75.2557, 8.5769,
4.0233

Harmonies

Analogous

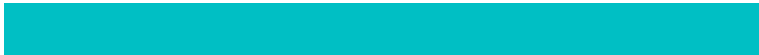
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



63.1335, -31.0942, 23.4867



63.1323, -38.1585, 9.9310



63.1335, -36.8669, -10.7494

Triad

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



63.1335, -38.1590, 9.9317



63.1335, 10.6542, -44.0655



63.1335, 24.7553, 26.1274

Complementary

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



63.1323, -38.1585, 9.9310



37.5838, 49.4851, 9.1132

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.



63.1335, 38.9960, 14.9428



63.1323, -38.1585, 9.9310



63.1335, 30.1519, -26.5979

Square

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



63.1335, -38.1590, 9.9317



63.1335, -10.4372, -46.7496



63.1335, 41.0899, -3.8316



63.1335, 4.0182, 30.6138

Rectangle

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



63.1323, -38.1585, 9.9310



63.1335, -31.3785, -26.0301



63.1335, 41.0899, -3.8316



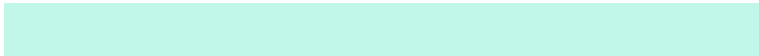
63.1335, 30.5691, 23.2348

Sweetspot

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



63.1335, -38.1590, 9.9317



91.6154, -23.9091, 6.2609



62.6943, -43.2090, 34.8025



42.6853, -12.1666, 3.0375



98.8636, -5.2751, 5.3714



45.2661, -2.4153, 2.4594

Same Dimension

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



63.1335, -38.1590, 9.9317



84.1117, -55.4656, 16.6605



54.4294, -18.8402, -19.8581



32.8096, -4.6636, 1.9126



50.7366, -34.6818, 11.4518



10.0929, -6.5514, 1.5272

Inverse Universe

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



37.5838, 49.4851, 9.1132



46.4919, 75.4445, 17.6743



41.4919, 34.3641, 21.5254



30.9472, 1.4012, 1.6361



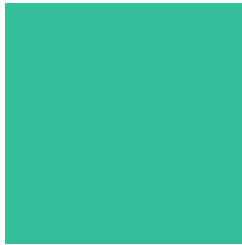
27.2933, 47.3634, 12.8085



5.5056, 9.7551, 1.0260

Previews

White Background



This preview shows how the HunterLab color 63.1323, -38.1585, 9.9310 looks on a white background.

Color Contrast Check

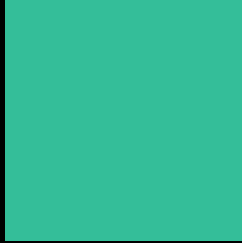
Large Text (above 18pt) WCAG AA × Fail

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 63.1323, -38.1585, 9.9310 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

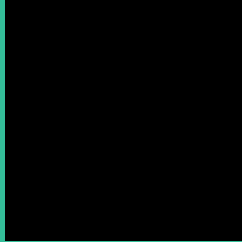
Any Text WCAG AA ✓ Pass

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 63.1323, -38.1585, 9.9310 Background



This preview shows how black text looks on a background with the HunterLab color 63.1323, -38.1585, 9.9310.



This preview shows how white text looks on a background with the HunterLab color 63.1323,

-38.1585, 9.9310.

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

63.1323, -38.1585, 9.9310

Protanopia

62.6940, -4.3223, 14.3544

Deuteranopia

62.4782, 4.7070, 7.4541



Tritanopia

63.1667, -24.7744, -12.2274

Trichromacy



Original Color

63.1323, -38.1585, 9.9310



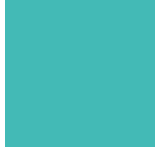
Protanomaly

61.6697, -20.4245, 11.4983



Deuteranomaly

61.1787, -15.1972, 6.5184



Tritanomaly

62.9988, -30.0145, -3.3565

Monochromacy



Original Color

63.1323, -38.1585, 9.9310



Achromatopsia

53.2117, -2.8392, 2.8911



Achromatomaly

55.6843, -18.4438, 4.1583

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.1323, -38.1585, 9.9310 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(52, 190, 153)` looks like.

```
.text, #text, p{  
    color:rgb(52, 190, 153)  
}
```

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(52, 190, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(52, 190, 153) }
```

Border

The CSS property to change the border of an element to HunterLab 63.1323, -38.1585, 9.9310 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(52, 190, 153) }
```


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

```
.border{ border-color:rgb(52, 190, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(52, 190, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(52, 190, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(52, 190, 153);  
box-shadow:4px 4px 4px 4px rgb(52, 190,  
153) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.1323, -38.1585, 9.9310 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(52, 190, 153) }
```

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

```
.background{ background-color: rgb(52, 190,  
153) }
```

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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