

Converting Colors

HunterLab(63.5343, -32.6997,
-1.7620)

Have a look what the booklet for
HunterLab(63.5343, -32.6997,
-1.7620) contains.

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Color

**HunterLab(63.6417,
-32.8078, -1.5860)**

Conversions

Conversions Part 1

Format	Color
Hex	37BDB4
RGB	55, 189, 180
RGB Percent	22%, 74%, 71%
CMY	0.7843, 0.2588, 0.2941
CMYK	0.71, 0.00, 0.05, 0.26
HSL	176°, 55%, 48%
HSV	176°, 71%, 74%
XYZ	28.0113, 40.5027, 49.5214
YIQ	147.9080, -76.9750, -31.2070

Conversions

Conversions Part 2

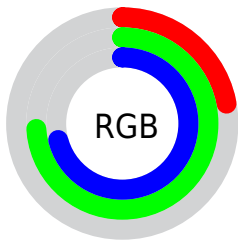
Format	Color
RYB	55, 124, 189
Decimal	3653044
CIELab	69.83, -37.20, -5.83
CIELCh	70, 37.656, 188.906
Yxy	40.5042, 0.2373, 0.3431
Android (android.graphics.Color)	4281843124 (0xFF37BDB4)
YUV	147.9080, 15.8214, -81.4803
Hunter-Lab	63.6417, -32.8078, -1.5860

Details

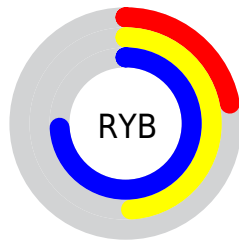
The HunterLab color **63.6417, -32.8078, -1.5860** is a dark color, and the websafe version is hex **33CCCC**. A complement of this color would be **37.3129, 46.0669, 16.0889**, and the grayscale version is **54.3437, -2.8996, 2.9526**.

A 20% lighter version of the original color is **87.1967, -37.9952, -0.8943**, and **43.4284, -24.6436, -1.0832** is the 20% darker color. If you saturate the color by 10%, you get **63.2592, -34.4068, -1.4609**, and if you desaturate by 10%, it is **64.1841, -30.6048, -1.5033**.

Distribution



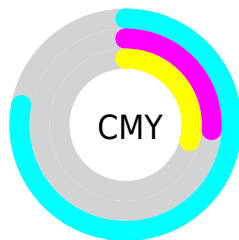
- Red (22%)
- Green (74%)
- Blue (71%)



- Red (22%)
- Yellow (49%)
- Blue (74%)



- Cyan (71%)
- Magenta (0%)
- Yellow (5%)
- Black (26%)



- Cyan (78%)
- Magenta (26%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 63.6417, -32.8078, -1.5860 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 63.6417, -32.8078, -1.5860 by changing the saturation by 10% instead.

63.6417, -32.8078,
-1.5860

63.6417, -32.8078,
-1.5860

186.6130,
-54.3403, 3.0735

52.8506, -30.0883,
-1.8937

87.1382, -37.9559,
-0.8227

42.7485, -27.2343,
-2.1477

99.7766, -40.4214,
-0.3759

33.3873, -24.2028,
-2.3407

112.9730,
-42.8322, 0.1108

24.8312, -20.9277,
-2.4647

126.7047,
-45.1978, 0.6352

17.1645, -17.3000,
-2.5082

140.9518,
-47.5257, 1.1952

10.5058, -16.2465,
-2.4557

155.6961,

0.0000, NaN, -NF

-49.8222, 1.7893

0.0000, NaN, NaN

170.9214,
-52.0924, 2.4158

0.0000, NaN, NaN

■ 63.6417, -32.8078,
-1.5860

■ 63.6417, -32.8078,
-1.5860

■ 63.2592, -34.4068,
-1.4609

■ 64.1841, -30.6048,
-1.5033

■ 63.0161, -35.4547,
-1.1534

■ 64.8948, -27.7677,
-1.2000

■ 62.8833, -36.0580,
-0.7598

■ 65.7836, -24.2885,
-0.6669

■ 66.8556, -20.1769,
0.0987

■ 68.1132, -15.4577,
1.0937

■ 69.5562, -10.1675,
2.3106

■ 71.1826, -4.3514,
3.7382

■ 72.9883, 1.9403,
5.3627

■ 74.9681, 8.6549,
7.1686

Harmonies

Analogous

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



63.6429, -31.3330, 13.7506



63.6417, -32.8078, -1.5860



63.6429, -27.0789, -19.5506

Triad

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



63.6429, -32.8081, -1.5852



63.6429, 18.6607, -26.0964



63.6429, 8.9077, 26.3301

Complementary

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



63.6417, -32.8078, -1.5860



37.3129, 46.0669, 16.0889

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.



63.6429, 24.3453, 20.1826



63.6417, -32.8078, -1.5860



63.6429, 30.3775, -8.8898

Square

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



63.6429, -32.8081, -1.5852



63.6429, 1.7860, -35.9665



63.6429, 32.5612, 8.1311



63.6429, -8.4236, 27.3142

Rectangle

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



63.6417, -32.8078, -1.5860



63.6429, -19.5483, -29.6726



63.6429, 32.5612, 8.1311



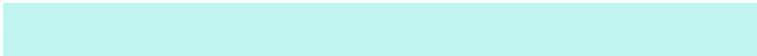
63.6429, 14.5401, 24.8955

Sweetspot

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



63.6429, -32.8081, -1.5852



91.0739, -20.9809, 1.3987



61.5115, -46.2802, 33.6081



42.0083, -10.5694, 0.4660



97.7295, -5.2146, 5.3098



44.2712, -2.3622, 2.4053

Same Dimension

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



63.6429, -32.8081, -1.5852



84.4579, -46.8967, -1.7582



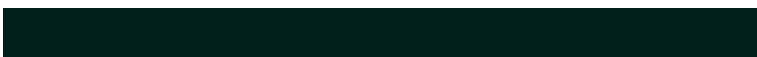
46.1614, -6.6445, -33.5106



32.8606, -4.3798, 1.1853



51.5844, -29.5503, -0.6854



10.2258, -5.7498, -0.3691

Inverse Universe

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



37.3129, 46.0669, 16.0889



45.7369, 71.5053, 25.4197



47.3591, 20.1817, 25.0096



30.8974, 1.1333, 2.3465



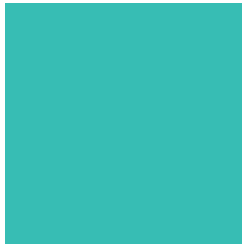
27.0232, 46.3643, 16.7936



5.3818, 9.3002, 2.8287

Previews

White Background



This preview shows how the HunterLab color 63.6417, -32.8078, -1.5860 looks on a white background.

Color Contrast Check

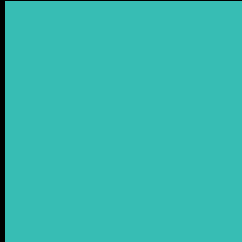
Large Text (above 18pt) WCAG AA × Fail

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 63.6417, -32.8078, -1.5860 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

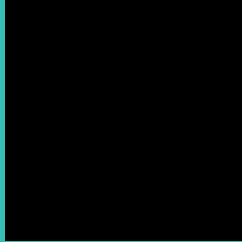
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

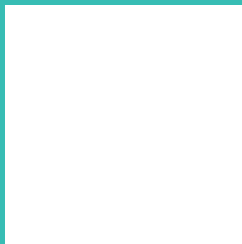
Any Text WCAG AAA ✓ Pass

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

HunterLab 63.6417, -32.8078, -1.5860 Background



This preview shows how black text looks on a background with the HunterLab color 63.6417, -32.8078, -1.5860.



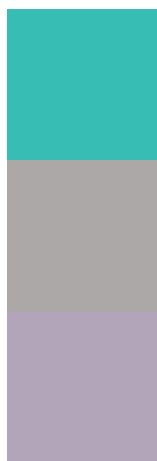
This preview shows how white text looks on a background with the HunterLab color 63.6417,

-32.8078, -1.5860.

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

63.6417, -32.8078, -1.5860

Protanopia

62.9310, -2.1068, 3.8384

Deuteranopia

63.1491, 4.1724, -4.1089



Tritanopia

63.6617, -26.1244, -12.6930

Trichromacy



Original Color

63.6417, -32.8078, -1.5860



Protanomaly

62.2064, -16.9661, 0.8344



Deuteranomaly

62.1913, -13.0966, -4.6171



Tritanomaly

63.5985, -28.6525, -8.3467

Monochromacy



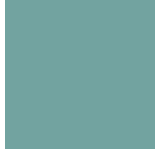
Original Color

63.6417, -32.8078, -1.5860



Achromatopsia

54.4186, -2.9036, 2.9567



Achromatomaly

56.8418, -16.6264, 0.0444

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 63.6417, -32.8078, -1.5860 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(55, 189, 180)` looks like.

```
.text, #text, p{  
    color:rgb(55, 189, 180)  
}
```

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(55, 189, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(55, 189, 180) }
```

Border

The CSS property to change the border of an element to HunterLab 63.6417, -32.8078, -1.5860 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(55, 189, 180) }
```


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

```
.border{ border-color:rgb(55, 189, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(55, 189, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(55, 189, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(55, 189, 180); box-shadow:4px 4px 4px 4px rgb(55, 189, 180) }
```

Background

The CSS property to change the background color of an element to HunterLab 63.6417, -32.8078, -1.5860 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(55, 189, 180) }
```

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

```
.background{ background-color: rgb(55, 189,  
180) }
```

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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