

Converting Colors

HunterLab(57.2677, -46.4779,
4.8471)

Have a look what the booklet for
HunterLab(57.2677, -46.4779,
4.8471) contains.

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Color

**HunterLab(59.3445,
-37.8342, 7.4978)**

Conversions

Conversions Part 1

Format	Color
Hex	00B595
RGB	0, 181, 149
RGB Percent	0%, 71%, 58%
CMY	0.9999, 0.2902, 0.4157
CMYK	1.00, 0.00, 0.18, 0.29
HSL	169°, 100%, 35%
HSV	169°, 100%, 71%
XYZ	21.9487, 35.2177, 34.0746
YIQ	123.2330, -97.6040, -48.3240

Conversions

Conversions Part 2

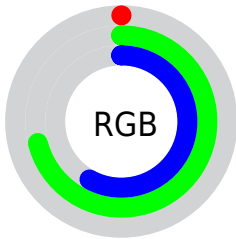
Format	Color
RYB	0, 99, 181
Decimal	46485
CIELab	65.92, -46.34, 5.45
CIELCh	66, 46.657, 173.289
Yxy	35.2191, 0.2406, 0.3860
Android (android.graphics.Color)	4278236565 (0xFF00B595)
YUV	123.2330, 12.7031, -108.0753
Hunter-Lab	59.3445, -37.8342, 7.4978

Details

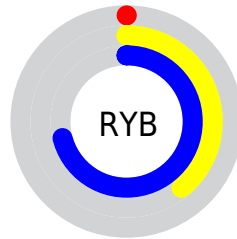
The HunterLab color **59.3445, -37.8342, 7.4978** is a dark color, and the websafe version is hex **33CC99**. A complement of this color would be **31.5104, 54.2896, 17.7923**, and the grayscale version is **44.5787, -2.3786, 2.4220**.

A 20% lighter version of the original color is **82.4304, -44.2566, 9.3795**, and **40.0757, -26.5093, 7.1349** is the 20% darker color. If you saturate the color by 10%, you get **59.3454, -37.8357, 7.4999**, and if you desaturate by 10%, it is **59.5419, -36.8647, 6.3775**.

Distribution



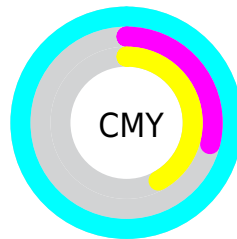
- Red (0%)
- Green (71%)
- Blue (58%)



- Red (0%)
- Yellow (39%)
- Blue (71%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (29%)



- Cyan (100%)
- Magenta (29%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 59.3445, -37.8342, 7.4978 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 59.3445, -37.8342, 7.4978 by changing the saturation by 10% instead.

■ 59.3445, -37.8342,
7.4978

■ 59.3445, -37.8342,
7.4978

180.4257,
-63.5448, 16.1315

■ 48.8177, -34.4733,
6.6347

■ 82.3559, -44.1130,
9.2801

■ 38.9985, -30.9082,
5.7868

■ 94.7694, -47.0861,
10.1998

■ 29.9434, -27.0731,
4.9516

■ 107.7505,
-49.9743, 11.1391

■ 21.7234, -22.8655,
4.1231

■ 121.2756,
-52.7916, 12.0982

■ 14.4339, -18.5337,
3.2900

■ 135.3235,
-55.5492, 13.0771

■ 8.0948, -14.1659,
3.2328

■ 149.8755,

0.0000, NaN, NaN

-58.2559, 14.0758

0.0000, NaN, NaN

164.9146,
-60.9191, 15.0940

0.0000, NaN, NaN

■ 59.3445, -37.8342,
7.4978

■ 59.3445, -37.8342,
7.4978

■ 59.3454, -37.8357,
7.4999

■ 59.5419, -36.8647,
6.3775

■ 59.8399, -35.4849,
5.3505

■ 60.2758, -33.5596,
4.4670

■ 60.8644, -31.0444,
3.7516

■ 61.6164, -27.9186,
3.2237

■ 62.5390, -24.1814,
2.8967

■ 63.6363, -19.8486,
2.7791

■ 64.9096, -14.9496,
2.8742

■ 66.3584, -9.5242,
3.1809

Harmonies

Analogous

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



59.3456, -31.8963, 21.7399



59.3445, -37.8342, 7.4978



59.3456, -35.5609, -13.8266

Triad

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



59.3456, -37.8345, 7.4984



59.3456, 13.4490, -43.2961



59.3456, 22.6236, 26.3186

Complementary

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



59.3445, -37.8342, 7.4978



31.5104, 54.2896, 17.7923

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.



59.3456, 38.1206, 16.3663



59.3445, -37.8342, 7.4978



59.3456, 32.3355, -24.2431

Square

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



59.3456, -37.8345, 7.4984



59.3456, -7.7625, -48.2012



59.3456, 41.8989, -1.3803



59.3456, 1.5672, 29.9198

Rectangle

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



59.3445, -37.8342, 7.4978



59.3456, -29.5176, -29.1452



59.3456, 41.8989, -1.3803



59.3456, 28.7670, 23.8123

Sweetspot

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



59.3456, -37.8345, 7.4984



85.0800, -26.8797, 3.7203



57.7717, -48.0855, 34.7561



39.2601, -13.6504, 1.7467



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



59.3456, -37.8345, 7.4984



79.3998, -50.7502, 10.3123



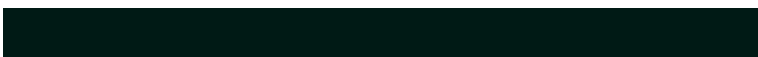
42.0416, -7.7191, -35.8830



30.9923, -4.2622, 1.4964



49.2823, -31.3576, 6.0936



8.7803, -5.3291, 0.5293

Inverse Universe

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



31.5104, 54.2896, 17.7923



42.1398, 72.5537, 24.2224



35.7541, 39.9577, 22.7299



29.2044, 1.1853, 1.8495



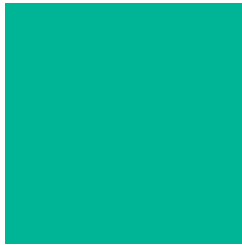
26.1757, 45.1300, 14.5633



4.7219, 8.2957, 1.4291

Previews

White Background



This preview shows how the HunterLab color 59.3445, -37.8342, 7.4978 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 59.3445, -37.8342, 7.4978 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

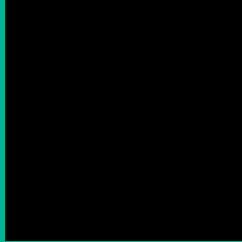
Any Text WCAG AA ✓ Pass

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 59.3445, -37.8342, 7.4978 Background



This preview shows how black text looks on a background with the HunterLab color 59.3445, -37.8342, 7.4978.



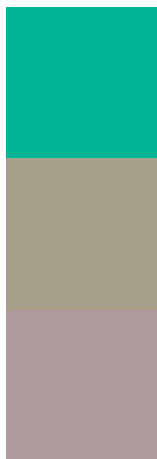
This preview shows how white text looks on a background with the HunterLab color 59.3445, -37.8342, 7.4978.

-37.8342, 7.4978.

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

59.3445, -37.8342, 7.4978

Protanopia

59.0067, -3.8883, 12.5110

Deuteranopia

58.9134, 4.0878, 5.1651



Tritanopia

59.2744, -25.1549, -12.6438

Trichromacy



Original Color

59.3445, -37.8342, 7.4978



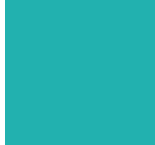
Protanomaly

57.1180, -23.1717, 8.6327



Deuteranomaly

56.8292, -18.7046, 3.2484



Tritanomaly

59.0589, -30.4535, -4.8575

Monochromacy



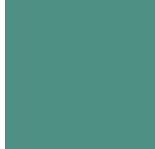
Original Color

59.3445, -37.8342, 7.4978



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

48.1998, -20.3559, 2.4915

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 59.3445, -37.8342, 7.4978 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(0, 181, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 181, 149)  
}
```

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(0, 181, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 181, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 59.3445, -37.8342, 7.4978 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(0, 181, 149) }
```


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

```
.border{ border-color:rgb(0, 181, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 181, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 181, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 181, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 181,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 59.3445, -37.8342, 7.4978 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 181, 149) }
```

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

```
.background{ background-color: rgb(0, 181,  
149) }
```

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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