

Converting Colors

HunterLab(49.9226, -46.4354,
3.5521)

Have a look what the booklet for
HunterLab(49.9226, -46.4354,
3.5521) contains.

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Color

**HunterLab(52.8089,
-33.8355, 7.0346)**

Conversions

Conversions Part 1

Format	Color
Hex	00A385
RGB	0, 163, 133
RGB Percent	0%, 64%, 52%
CMY	0.9999, 0.3608, 0.4784
CMYK	1.00, 0.00, 0.18, 0.36
HSL	169°, 100%, 32%
HSV	169°, 100%, 64%
XYZ	17.3308, 27.8878, 26.6597
YIQ	110.8430, -87.5180, -43.8860

Conversions

Conversions Part 2

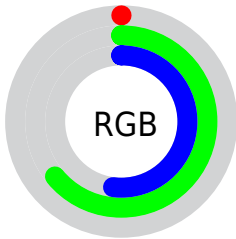
Format	Color
RYB	0, 90, 163
Decimal	41861
CIELab	59.79, -43.14, 5.55
CIELCh	60, 43.496, 172.672
Yxy	27.8889, 0.2411, 0.3880
Android (android.graphics.Color)	4278231941 (0xFF00A385)
YUV	110.8430, 10.9234, -97.2093
Hunter-Lab	52.8089, -33.8355, 7.0346

Details

The HunterLab color **52.8089, -33.8355, 7.0346** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **28.0731, 48.4068, 15.5492**, and the grayscale version is **39.7960, -2.1234, 2.1622**.

A 20% lighter version of the original color is **75.1215, -39.9598, 8.9256**, and **34.3394, -22.7915, 6.2790** is the 20% darker color. If you saturate the color by 10%, you get **52.8097, -33.8367, 7.0363**, and if you desaturate by 10%, it is **52.9961, -32.9216, 6.0201**.

Distribution



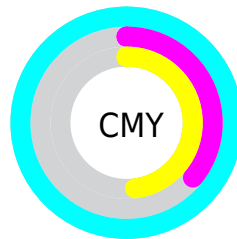
- Red (0%)
- Green (64%)
- Blue (52%)



- Red (0%)
- Yellow (35%)
- Blue (64%)



- Cyan (100%)
- Magenta (0%)
- Yellow (18%)
- Black (36%)



- Cyan (100%)
- Magenta (36%)
- Yellow (48%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 52.8089, -33.8355, 7.0346 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 52.8089, -33.8355, 7.0346 by changing the saturation by 10% instead.

■ 52.8089, -33.8355,
7.0346

■ 52.8089, -33.8355,
7.0346

170.8612,
-58.5204, 15.5990

■ 42.7105, -30.5769,
6.1759

■ 75.0380, -39.8896,
8.8041

■ 33.3524, -27.0992,
5.3303

■ 87.0901, -42.7465,
9.7163

■ 24.7995, -23.3237,
4.4935

■ 99.7263, -45.5182,
10.6479

■ 17.1365, -19.1220,
3.6565

■ 112.9205,
-48.2194, 11.5989

■ 10.4820, -18.3435,
2.8575

■ 126.6503,
-50.8618, 12.5696

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 140.8953,

-53.4546, 13.5599

0.0000, NaN, NaN

155.6377,
-56.0055, 14.5698

0.0000, NaN, NaN

■ 52.8089, -33.8355,
7.0346

■ 52.8089, -33.8355,
7.0346

■ 52.8097, -33.8367,
7.0363

■ 52.9961, -32.9216,
6.0201

■ 53.2696, -31.6559,
5.0826

■ 53.6650, -29.9077,
4.2698

■ 54.1950, -27.6401,
3.6030

■ 54.8688, -24.8361,
3.0990

■ 55.6924, -21.4961,
2.7698

■ 56.6692, -17.6346,
2.6228

■ 57.8004, -13.2777,
2.6613

■ 59.0853, -8.4603,
2.8846

Harmonies

Analogous

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



52.8099, -28.3724, 19.6320



52.8089, -33.8355, 7.0346



52.8099, -31.9528, -12.0040

Triad

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



52.8099, -33.8358, 7.0352



52.8099, 11.6945, -39.1761



52.8099, 20.6801, 23.4129

Complementary

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



52.8089, -33.8355, 7.0346



28.0731, 48.4068, 15.5492

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.



52.8099, 34.4259, 14.3857



52.8089, -33.8355, 7.0346



52.8099, 28.7572, -22.2166

Square

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



52.8099, -33.8358, 7.0352



52.8099, -7.3083, -43.2672



52.8099, 37.5698, -1.6547



52.8099, 1.8221, 26.7201

Rectangle

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



52.8089, -33.8355, 7.0346



52.8099, -26.6422, -25.7990



52.8099, 37.5698, -1.6547



52.8099, 26.1529, 21.1355

Sweetspot

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



52.8099, -33.8358, 7.0352



75.7568, -23.9105, 3.5144



51.4901, -42.5702, 30.9821



35.6441, -12.3461, 1.6916



90.9709, -4.8540, 4.9426



38.3822, -2.0480, 2.0854

Same Dimension

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



52.8099, -33.8358, 7.0352



70.6522, -45.3994, 9.6951



38.3450, -8.2598, -30.0957



28.2644, -3.8664, 1.3887



46.5619, -29.7893, 6.1082



6.7899, -4.0736, 0.3069

Inverse Universe

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



28.0731, 48.4068, 15.5492



37.5384, 64.6751, 21.2371



31.5851, 36.2760, 20.0967



26.6576, 1.0555, 1.6627



24.7580, 42.7139, 13.5558



3.6655, 6.4737, 0.8458

Previews

White Background



This preview shows how the HunterLab color 52.8089, -33.8355, 7.0346 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 52.8089, -33.8355, 7.0346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

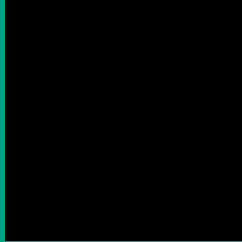
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

HunterLab 52.8089, -33.8355, 7.0346 Background



This preview shows how black text looks on a background with the HunterLab color 52.8089, -33.8355, 7.0346.



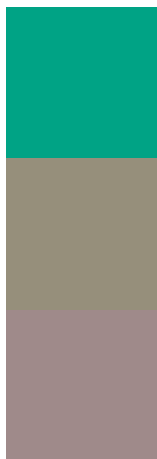
This preview shows how white text looks on a background with the HunterLab color 52.8089,

-33.8355, 7.0346.

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

52.8089, -33.8355, 7.0346

Protanopia

52.4967, -3.5476, 11.1223

Deuteranopia

52.3286, 3.8479, 5.0686



Tritanopia

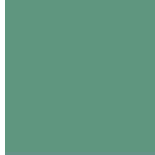
52.9362, -22.5129, -10.9276

Trichromacy



Original Color

52.8089, -33.8355, 7.0346



Protanomaly

50.7719, -20.4475, 7.4802



Deuteranomaly

50.4100, -16.5326, 3.3773



Tritanomaly

52.7894, -27.3861, -3.7771

Monochromacy



Original Color

52.8089, -33.8355, 7.0346



Achromatopsia

39.8699, -2.1274, 2.1662



Achromatomaly

43.1703, -18.0293, 2.3161

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 52.8089, -33.8355, 7.0346 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, 163, 133)` looks like.

```
.text, #text, p{  
    color:rgb(0, 163, 133)  
}
```

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, 163, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 163, 133) }
```

Border

The CSS property to change the border of an element to HunterLab 52.8089, -33.8355, 7.0346 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, 163, 133) }
```


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

```
.border{ border-color:rgb(0, 163, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 163, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 163, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 163, 133);  
box-shadow:4px 4px 4px 4px rgb(0, 163,  
133) }
```

Background

The CSS property to change the background color of an element to HunterLab 52.8089, -33.8355, 7.0346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 163, 133) }
```

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

```
.background{ background-color: rgb(0, 163,  
133) }
```

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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