

Converting Colors

HunterLab(50.9527, -33.8836,
6.5974)

Have a look what the booklet for
HunterLab(50.9527, -33.8836,
6.5974) contains.

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Color

**HunterLab(51.3627,
-33.0270, 7.0969)**

Conversions

Conversions Part 1

Format	Color
Hex	009F81
RGB	0, 159, 129
RGB Percent	0%, 62%, 51%
CMY	0.9999, 0.3765, 0.4941
CMYK	1.00, 0.00, 0.19, 0.38
HSL	169°, 100%, 31%
HSV	169°, 100%, 62%
XYZ	16.3606, 26.3813, 24.9987
YIQ	108.0390, -85.1340, -43.0380

Conversions

Conversions Part 2

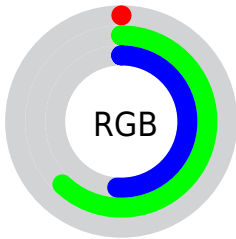
Format	Color
RYB	0, 88, 159
Decimal	40833
CIELab	58.40, -42.54, 5.81
CIElCh	58, 42.936, 172.229
Yxy	26.3823, 0.2415, 0.3894
Android (android.graphics.Color)	4278230913 (0xFF009F81)
YUV	108.0390, 10.3338, -94.7502
Hunter-Lab	51.3627, -33.0270, 7.0969

Details

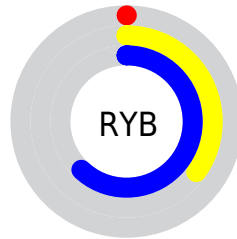
The HunterLab color **51.3627, -33.0270, 7.0969** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **27.3229, 47.1312, 14.9934**, and the grayscale version is **38.7272, -2.0664, 2.1041**.

A 20% lighter version of the original color is **73.5541, -39.2594, 8.9629**, and **32.9958, -22.0274, 6.3089** is the 20% darker color. If you saturate the color by 10%, you get **51.3635, -33.0282, 7.0985**, and if you desaturate by 10%, it is **51.5486, -32.1195, 6.0928**.

Distribution



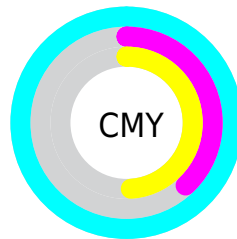
- Red (0%)
- Green (62%)
- Blue (51%)



- Red (0%)
- Yellow (35%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (19%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.3627, -33.0270, 7.0969 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 51.3627, -33.0270, 7.0969 by changing the saturation by 10% instead.

■ 51.3627, -33.0270,
7.0969

■ 51.3627, -33.0270,
7.0969

168.7168,
-57.5322, 15.7402

■ 41.3641, -29.7832,
6.2251

■ 73.4105, -39.0445,
8.8886

■ 32.1136, -26.3156,
5.3645

■ 85.3792, -41.8815,
9.8106

■ 23.6788, -22.5418,
4.5098

■ 97.9358, -44.6327,
10.7511

■ 16.1479, -18.3254,
3.6505

■ 111.0539,
-47.3133, 11.7106

■ 9.6460, -16.8805,
3.0248

■ 124.7105,
-49.9350, 12.6893

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 138.8850,

-52.5072, 13.6871

0.0000, NaN, NaN

153.5593,
-55.0375, 14.7041

0.0000, NaN, NaN

■ 51.3627, -33.0270,
7.0969

■ 51.3627, -33.0270,
7.0969

■ 51.3635, -33.0282,
7.0985

■ 51.5486, -32.1195,
6.0928

■ 51.8176, -30.8729,
5.1612

■ 52.2051, -29.1573,
4.3490

■ 52.7234, -26.9371,
3.6771

■ 53.3811, -24.1967,
3.1618

■ 54.1842, -20.9365,
2.8148

■ 55.1358, -17.1708,
2.6436

■ 56.2371, -12.9254,
2.6515

■ 57.4873, -8.2340,
2.8381

Harmonies

Analogous

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



51.3637, -27.5868, 19.2950



51.3627, -33.0270, 7.0969



51.3637, -31.2948, -11.4631

Triad

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



51.3637, -33.0273, 7.0974



51.3637, 11.1805, -38.5632



51.3637, 20.5023, 22.7663

Complementary

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



51.3627, -33.0270, 7.0969



27.3229, 47.1312, 14.9934

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.



51.3637, 33.8396, 13.8647



51.3627, -33.0270, 7.0969



51.3637, 27.9566, -22.0660

Square

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



51.3637, -33.0273, 7.0974



51.3637, -7.3911, -42.3467



51.3637, 36.7421, -1.9132



51.3637, 2.0757, 26.0552

Rectangle

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



51.3627, -33.0270, 7.0969



51.3637, -26.1770, -24.9950



51.3637, 36.7421, -1.9132



51.3637, 25.8294, 20.5177

Sweetspot

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



51.3637, -33.0273, 7.0974



73.7046, -23.2891, 3.5445



50.1012, -41.4016, 30.1468



34.7467, -12.0387, 1.7152



89.8524, -4.7943, 4.8819



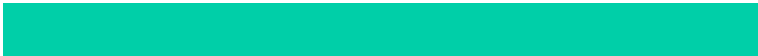
37.4146, -1.9963, 2.0328

Same Dimension

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



51.3637, -33.0273, 7.0974



68.7162, -44.3188, 9.7823



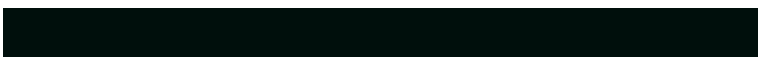
37.3354, -8.0780, -29.2263



27.3642, -3.7381, 1.3586



45.6535, -29.3143, 6.2181



6.1461, -3.6691, 0.2384

Inverse Universe

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



27.3229, 47.1312, 14.9934



36.5335, 62.9653, 20.5023



30.7599, 35.2112, 19.5696



25.8178, 1.0148, 1.5957



24.2913, 41.9244, 13.1792



3.3230, 5.8811, 0.6713

Previews

White Background



This preview shows how the HunterLab color 51.3627, -33.0270, 7.0969 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 51.3627, -33.0270, 7.0969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

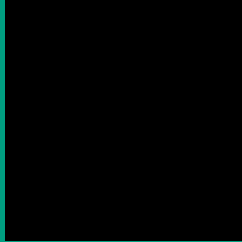
Any Text WCAG AA ✓ Pass

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 51.3627, -33.0270, 7.0969 Background



This preview shows how black text looks on a background with the HunterLab color 51.3627, -33.0270, 7.0969.



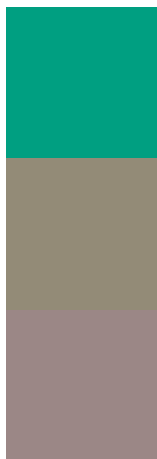
This preview shows how white text looks on a background with the HunterLab color 51.3627,

-33.0270, 7.0969.

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

51.3627, -33.0270, 7.0969

Protanopia

50.9904, -3.1344, 11.0716

Deuteranopia

51.0076, 3.4191, 5.2740



Tritanopia

51.4478, -21.9930, -10.2587

Trichromacy



Original Color

51.3627, -33.0270, 7.0969

Protanomaly

49.3635, -19.5974, 7.5673

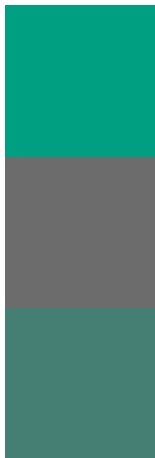
Deuteranomaly

49.2596, -16.3268, 3.7929

Tritanomaly

51.3350, -26.6437, -3.6411

Monochromacy



Original Color

51.3627, -33.0270, 7.0969

Achromatopsia

38.7246, -2.0663, 2.1040

Achromatomaly

42.0772, -17.6550, 2.3365

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.3627, -33.0270, 7.0969 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, 159, 129)` looks like.

```
.text, #text, p{  
    color:rgb(0, 159, 129)  
}
```

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, 159, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 159, 129) }
```

Border

The CSS property to change the border of an element to HunterLab 51.3627, -33.0270, 7.0969 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, 159, 129) }
```


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

```
.border{ border-color:rgb(0, 159, 129) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 159, 129)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 159, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 159, 129);  
box-shadow:4px 4px 4px 4px rgb(0, 159,  
129) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.3627, -33.0270, 7.0969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 159, 129) }
```

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

```
.background{ background-color: rgb(0, 159,  
129) }
```

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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