

Converting Colors

HunterLab(50.9621, -27.2718,
-4.8262)

Have a look what the booklet for
HunterLab(50.9621, -27.2718,
-4.8262) contains.

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Color

**HunterLab(51.0980,
-27.5162, -4.4685)**

Conversions

Conversions Part 1

Format	Color
Hex	009C9A
RGB	0, 156, 154
RGB Percent	0%, 61%, 60%
CMY	0.9999, 0.3882, 0.3961
CMYK	1.00, 0.00, 0.01, 0.39
HSL	179°, 100%, 31%
HSV	179°, 100%, 61%
XYZ	17.7212, 26.1101, 34.6776
YIQ	109.1280, -92.3340, -33.6940

Conversions

Conversions Part 2

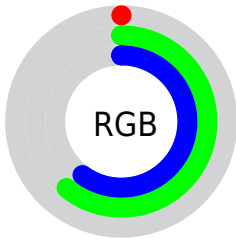
Format	Color
RYB	0, 79, 156
Decimal	40090
CIELab	58.14, -33.93, -8.75
CIELCh	58, 35.043, 194.461
Yxy	26.1110, 0.2257, 0.3326
Android (android.graphics.Color)	4278230170 (0xFF009C9A)
YUV	109.1280, 22.1219, -95.7053
Hunter-Lab	51.0980, -27.5162, -4.4685

Details

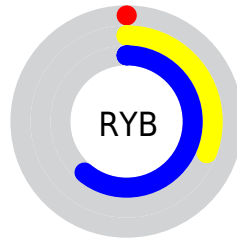
The HunterLab color **51.0980, -27.5162, -4.4685** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.5953, 45.5569, 17.0558**, and the grayscale version is **39.1015, -2.0864, 2.1245**.

A 20% lighter version of the original color is **73.0525, -32.5626, -3.9877**, and **32.9847, -17.6855, -3.0501** is the 20% darker color. If you saturate the color by 10%, you get **51.0988, -27.5169, -4.4679**, and if you desaturate by 10%, it is **51.2098, -27.0644, -4.4161**.

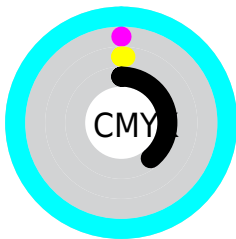
Distribution



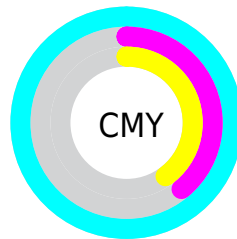
- Red (0%)
- Green (61%)
- Blue (60%)



- Red (0%)
- Yellow (31%)
- Blue (61%)



- Cyan (100%)
- Magenta (0%)
- Yellow (1%)
- Black (39%)



- Cyan (100%)
- Magenta (39%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.0980, -27.5162, -4.4685 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 51.0980, -27.5162, -4.4685 by changing the saturation by 10% instead.

51.0980, -27.5162,
-4.4685

51.0980, -27.5162,
-4.4685

168.3231,
-48.1405, -1.2331

41.1178, -24.8583,
-4.5751

73.1122, -32.4933,
-4.0735

31.8873, -22.0368,
-4.6134

85.0655, -34.8607,
-3.7967

23.4744, -18.9877,
-4.5739

97.6074, -37.1688,
-3.4724

15.9681, -15.6038,
-4.4456

110.7115,
-39.4288, -3.1035

9.4947, -16.0818,
-4.2189

124.3545,
-41.6497, -2.6930

0.0000, NaN, -NF

0.0000, NaN, NaN

138.5161,

-43.8384, -2.2431

0.0000, NaN, NaN

153.1778,
-46.0004, -1.7559

0.0000, NaN, NaN

■ 51.0980, -27.5162,
-4.4685

■ 51.0980, -27.5162,
-4.4685

■ 51.0988, -27.5169,
-4.4679

■ 51.2098, -27.0644,
-4.4161

■ 51.3995, -26.3031,
-4.2560

■ 51.7021, -25.1025,
-3.9415

■ 52.1302, -23.4234,
-3.4579

■ 52.6926, -21.2445,
-2.7969

■ 53.3957, -18.5599,
-1.9551

■ 54.2433, -15.3770,
-0.9341

■ 55.2372, -11.7147,
0.2608

■ 56.3772, -7.6006,
1.6209

Harmonies

Analogous

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



51.0990, -27.4053, 9.5285



51.0980, -27.5162, -4.4685



51.0990, -21.5325, -20.1028

Triad

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



51.0990, -27.5163, -4.4678



51.0990, 18.8197, -20.6170



51.0990, 5.1373, 22.6236

Complementary

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



51.0980, -27.5162, -4.4685



26.5953, 45.5569, 17.0558

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.



51.0990, 19.2600, 18.3685



51.0980, -27.5162, -4.4685



51.0990, 27.7524, -5.0330

Square

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



51.0990, -27.5163, -4.4678



51.0990, 4.5895, -31.0787



51.0990, 27.9222, 9.1031



51.0990, -9.6579, 22.6950

Rectangle

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



51.0980, -27.5162, -4.4685



51.0990, -14.4523, -28.2512



51.0990, 27.9222, 9.1031



51.0990, 10.1563, 21.7045

Sweetspot

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



51.0990, -27.5163, -4.4678



73.0271, -21.0034, -1.3495



48.7798, -41.7391, 29.3263



34.0384, -10.6667, -0.8954



88.7363, -4.7347, 4.8212



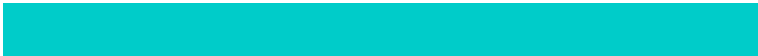
36.4511, -1.9449, 1.9805

Same Dimension

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



51.0990, -27.5163, -4.4678



68.8628, -37.0942, -5.9967



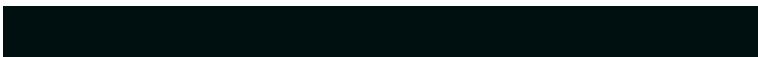
28.6846, 5.2789, -47.2457



27.4008, -3.5349, 0.8376



46.3757, -24.9706, -4.0612



6.2046, -3.3189, -0.5906

Inverse Universe

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



26.5953, 45.5569, 17.0558



35.8373, 61.3884, 23.0331



34.8664, 22.2025, 21.8720



25.7827, 0.8254, 2.0976



24.1367, 41.3515, 15.4676



3.2330, 5.5500, 1.9860

Previews

White Background



This preview shows how the HunterLab color 51.0980, -27.5162, -4.4685 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 51.0980, -27.5162, -4.4685 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

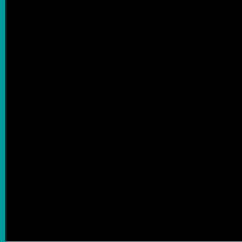
Any Text WCAG AA ✓ Pass

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 51.0980, -27.5162, -4.4685 Background



This preview shows how black text looks on a background with the HunterLab color 51.0980, -27.5162, -4.4685.



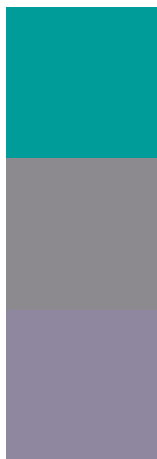
This preview shows how white text looks on a background with the HunterLab color 51.0980,

-27.5162, -4.4685.

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

51.0980, -27.5162, -4.4685

Protanopia

50.7302, -1.2996, 0.8656

Deuteranopia

50.6663, 3.8128, -7.0966



Tritanopia

51.1637, -23.0187, -11.2420

Trichromacy



Original Color

51.0980, -27.5162, -4.4685

Protanomaly

49.4785, -16.1965, -2.8727

Deuteranomaly

49.2985, -13.0501, -8.2142

Tritanomaly

51.1759, -24.9904, -8.5052

Monochromacy



Original Color

51.0980, -27.5162, -4.4685

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

42.0328, -15.7314, -1.7428

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.0980, -27.5162, -4.4685 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, 156, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 156, 154)  
}
```

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, 156, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 156, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 51.0980, -27.5162, -4.4685 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, 156, 154) }
```


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

```
.border{ border-color:rgb(0, 156, 154) }
```

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

Here you see how a box with a 4 pixel rgb(0, 156, 154) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 156, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 156, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 156,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.0980, -27.5162, -4.4685 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 156, 154) }
```

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

```
.background{ background-color: rgb(0, 156,  
154) }
```

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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