

Converting Colors

HunterLab(49.9275, -27.4749,
-3.0946)

Have a look what the booklet for
HunterLab(49.9275, -27.4749,
-3.0946) contains.

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Color

**HunterLab(49.9205,
-27.5164, -2.9964)**

Conversions

Conversions Part 1

Format	Color
Hex	009994
RGB	0, 153, 148
RGB Percent	0%, 60%, 58%
CMY	0.9999, 0.4000, 0.4196
CMYK	1.00, 0.00, 0.03, 0.40
HSL	178°, 100%, 30%
HSV	178°, 100%, 60%
XYZ	16.7365, 24.9206, 31.9450
YIQ	106.6830, -89.5830, -33.9910

Conversions

Conversions Part 2

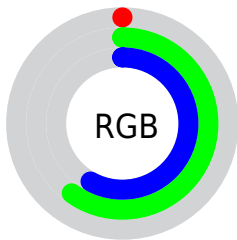
Format	Color
RYB	0, 78, 153
Decimal	39316
CIELab	57.00, -34.40, -7.04
CIElCh	57, 35.109, 191.562
Yxy	24.9215, 0.2274, 0.3386
Android (android.graphics.Color)	4278229396 (0xFF009994)
YUV	106.6830, 20.3693, -93.5610
Hunter-Lab	49.9205, -27.5164, -2.9964

Details

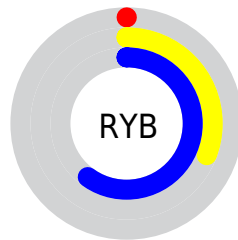
The HunterLab color $49.9205, -27.5164, -2.9964$ is a dark color, and the websafe version is hex 009999 . A complement of this color would be $26.0461, 44.6425, 16.5027$, and the grayscale version is $38.1760, -2.0370, 2.0742$.

A 20% lighter version of the original color is $71.7981, -32.5831, -2.4714$, and $31.8911, -17.6852, -1.6839$ is the 20% darker color. If you saturate the color by 10%, you get $49.9213, -27.5171, -2.9956$, and if you desaturate by 10%, it is $50.0415, -27.0080, -3.0795$.

Distribution



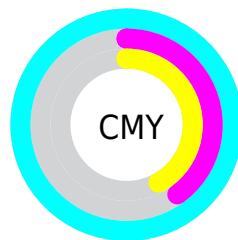
- Red (0%)
- Green (60%)
- Blue (58%)



- Red (0%)
- Yellow (31%)
- Blue (60%)



- Cyan (100%)
- Magenta (0%)
- Yellow (3%)
- Black (40%)



- Cyan (100%)
- Magenta (40%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.9205, -27.5164, -2.9964 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 49.9205, -27.5164, -2.9964 by changing the saturation by 10% instead.

■ 49.9205, -27.5164,
-2.9964

■ 49.9205, -27.5164,
-2.9964

166.5673,
-48.4028, 0.7857

■ 40.0232, -24.8105,
-3.1752

■ 71.7843, -32.5716,
-2.4652

■ 30.8825, -21.9318,
-3.2884

■ 83.6684, -34.9719,
-2.1241

■ 22.5683, -18.8115,
-3.3262

■ 96.1444, -37.3100,
-1.7375

■ 15.1726, -15.3333,
-3.2763

■ 109.1854,
-39.5976, -1.3085

■ 8.8024, -15.4041,
-3.1691

■ 122.7679,
-41.8442, -0.8396

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.8711,

-44.0568, -0.3330

0.0000, NaN, NaN

151.4765,
-46.2414, 0.2093

0.0000, NaN, NaN

■ 49.9205, -27.5164,
-2.9964

■ 49.9205, -27.5164,
-2.9964

■ 49.9213, -27.5171,
-2.9956

■ 50.0415, -27.0080,
-3.0795

■ 50.2381, -26.1986,
-3.0599

■ 50.5452, -24.9589,
-2.8911

■ 50.9749, -23.2515,
-2.5583

■ 51.5358, -21.0565,
-2.0525

■ 52.2339, -18.3689,
-1.3696

■ 53.0729, -15.1970,
-0.5101

■ 54.0544, -11.5596,
0.5215

■ 55.1782, -7.4844,
1.7177

Harmonies

Analogous

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



49.9214, -26.8155, 10.5170



49.9205, -27.5164, -2.9964



49.9214, -22.1580, -18.6904

Triad

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



49.9214, -27.5165, -2.9957



49.9214, 17.5691, -21.9674



49.9214, 6.6208, 22.1291

Complementary

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



49.9205, -27.5164, -2.9964



26.0461, 44.6425, 16.5027

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.



49.9214, 20.3675, 17.5027



49.9205, -27.5164, -2.9964



49.9214, 27.1767, -6.5874

Square

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



49.9214, -27.5165, -2.9957



49.9214, 3.1438, -31.5838



49.9214, 28.2564, 7.8261



49.9214, -8.2224, 22.5766

Rectangle

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



49.9205, -27.5164, -2.9964



49.9214, -15.4628, -27.2905



49.9214, 28.2564, 7.8261



49.9214, 11.5649, 21.0911

Sweetspot

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



49.9214, -27.5165, -2.9957



70.9496, -20.6123, -0.7591



47.7664, -40.7816, 28.7187



33.1279, -10.4822, -0.5752



87.6224, -4.6753, 4.7607



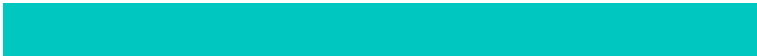
35.4919, -1.8938, 1.9283

Same Dimension

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



49.9214, -27.5165, -2.9957



66.8014, -36.8490, -3.9495



28.7684, 3.8739, -44.3179



26.5011, -3.4318, 0.8704



45.3843, -25.0092, -2.7388



5.5576, -3.0076, -0.4539

Inverse Universe

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



26.0461, 44.6425, 16.5027



34.8464, 59.7163, 22.1999



33.6625, 22.8410, 21.1415



24.9515, 0.8074, 1.9718



23.6796, 40.5945, 14.9723



2.9085, 5.0122, 1.6359

Previews

White Background



This preview shows how the HunterLab color 49.9205, -27.5164, -2.9964 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 49.9205, -27.5164, -2.9964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

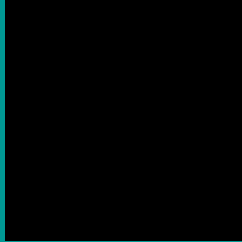
Any Text WCAG AA ✓ Pass

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 49.9205, -27.5164, -2.9964 Background



This preview shows how black text looks on a background with the HunterLab color 49.9205, -27.5164, -2.9964.



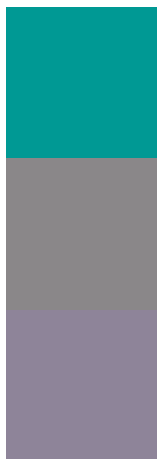
This preview shows how white text looks on a background with the HunterLab color 49.9205,

-27.5164, -2.9964.

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

49.9205, -27.5164, -2.9964

Protanopia

49.5352, -1.4258, 2.1708

Deuteranopia

49.5512, 3.9070, -5.4585



Tritanopia

50.0846, -22.5231, -10.5514

Trichromacy



Original Color

49.9205, -27.5164, -2.9964

Protanomaly

48.3154, -16.1849, -1.4348

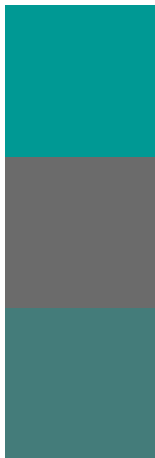
Deuteranomaly

48.1292, -13.0903, -6.6397

Tritanomaly

50.0738, -24.5749, -7.8765

Monochromacy



Original Color

49.9205, -27.5164, -2.9964

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.2909, -15.6089, -1.2685

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.9205, -27.5164, -2.9964 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, 153, 148)` looks like.

```
.text, #text, p{  
    color:rgb(0, 153, 148)  
}
```

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, 153, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 153, 148) }
```

Border

The CSS property to change the border of an element to HunterLab 49.9205, -27.5164, -2.9964 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, 153, 148) }
```


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

```
.border{ border-color:rgb(0, 153, 148) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 153, 148)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 153, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 153, 148);  
box-shadow:4px 4px 4px 4px rgb(0, 153,  
148) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.9205, -27.5164, -2.9964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 153, 148) }
```

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

```
.background{ background-color: rgb(0, 153,  
148) }
```

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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