

Converting Colors

HunterLab(42.9938, -54.5332,
-11.2255)

Have a look what the booklet for
HunterLab(42.9938, -54.5332,
-11.2255) contains.

HunterLab(49.1707, -27.3211, -2.4806)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(49.1707,
-27.3211, -2.4806)**

Conversions

Conversions Part 1

Format	Color
Hex	009791
RGB	0, 151, 145
RGB Percent	0%, 59%, 57%
CMY	0.9999, 0.4078, 0.4314
CMYK	1.00, 0.00, 0.04, 0.41
HSL	178°, 100%, 30%
HSV	178°, 100%, 59%
XYZ	16.1775, 24.1776, 30.6022
YIQ	105.1670, -88.0700, -33.8780

Conversions

Conversions Part 2

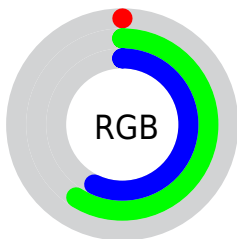
Format	Color
RYB	0, 77, 151
Decimal	38801
CIELab	56.27, -34.39, -6.41
CIELCh	56, 34.986, 190.559
Yxy	24.1785, 0.2280, 0.3407
Android (android.graphics.Color)	4278228881 (0xFF009791)
YUV	105.1670, 19.6377, -92.2315
Hunter-Lab	49.1707, -27.3211, -2.4806

Details

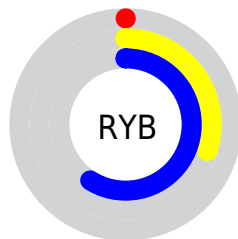
The HunterLab color **49.1707, -27.3211, -2.4806** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **25.6773, 44.0196, 16.1934**, and the grayscale version is **37.6033, -2.0064, 2.0431**.

A 20% lighter version of the original color is **70.9859, -32.4432, -1.9570**, and **31.2248, -17.3289, -1.6202** is the 20% darker color. If you saturate the color by 10%, you get **49.1714, -27.3220, -2.4798**, and if you desaturate by 10%, it is **49.2945, -26.7950, -2.6071**.

Distribution



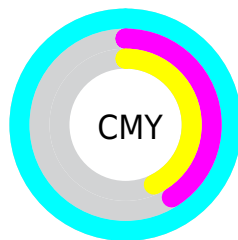
- Red (0%)
- Green (59%)
- Blue (57%)



- Red (0%)
- Yellow (30%)
- Blue (59%)



- Cyan (100%)
- Magenta (0%)
- Yellow (4%)
- Black (41%)



- Cyan (100%)
- Magenta (41%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.1707, -27.3211, -2.4806 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 49.1707, -27.3211, -2.4806 by changing the saturation by 10% instead.

■ 49.1707, -27.3211,
-2.4806

■ 49.1707, -27.3211,
-2.4806

165.4453,
-48.2420, 1.4935

■ 39.3269, -24.6045,
-2.6848

■ 70.9375, -32.3908,
-1.9016

■ 30.2442, -21.7110,
-2.8244

■ 82.7771, -34.7960,
-1.5378

■ 21.9938, -18.5695,
-2.8896

■ 95.2107, -37.1380,
-1.1294

■ 14.6701, -15.0585,
-2.8675

■ 108.2111,
-39.4289, -0.6792

■ 8.3288, -14.5754,
-2.8820

■ 121.7547,
-41.6780, -0.1898

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 135.8204,

-43.8928, 0.3366

0.0000, NaN, NaN

150.3895,
-46.0792, 0.8983

0.0000, NaN, NaN

■ 49.1707, -27.3211,
-2.4806

■ 49.1707, -27.3211,
-2.4806

■ 49.1714, -27.3220,
-2.4798

■ 49.2945, -26.7950,
-2.6071

■ 49.4924, -25.9738,
-2.6338

■ 49.7992, -24.7286,
-2.5144

■ 50.2266, -23.0229,
-2.2341

■ 50.7831, -20.8377,
-1.7838

■ 51.4746, -18.1683,
-1.1592

■ 52.3046, -15.0231,
-0.3606

■ 53.2747, -11.4210,
0.6081

■ 54.3847, -7.3893,
1.7397

Harmonies

Analogous

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



49.1716, -26.4250, 10.7707



49.1707, -27.3211, -2.4806



49.1716, -22.2118, -18.0784

Triad

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



49.1716, -27.3212, -2.4800



49.1716, 17.0189, -22.2809



49.1716, 7.0837, 21.8047

Complementary

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



49.1707, -27.3211, -2.4806



25.6773, 44.0196, 16.1934

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.



49.1716, 20.6039, 17.0824



49.1707, -27.3211, -2.4806



49.1716, 26.7873, -7.0812

Square

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



49.1716, -27.3212, -2.4800



49.1716, 2.6315, -31.5346



49.1716, 28.1709, 7.3288



49.1716, -7.6721, 22.3752

Rectangle

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



49.1707, -27.3211, -2.4806



49.1716, -15.6943, -26.7689



49.1716, 28.1709, 7.3288



49.1716, 11.9672, 20.7332

Sweetspot

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



49.1716, -27.3212, -2.4800



69.9210, -20.3813, -0.5550



47.0987, -40.1201, 28.3188



33.1206, -10.5237, -0.4728



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.



49.1716, -27.3212, -2.4800



65.7969, -36.5928, -3.2471



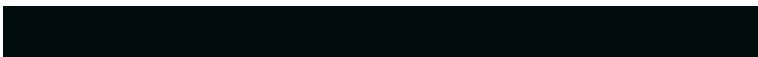
29.0354, 2.5767, -41.8513



26.4996, -3.4397, 0.8906



45.3536, -25.1932, -2.3031



5.5556, -3.0196, -0.4254

Inverse Universe

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



25.6773, 44.0196, 16.1934



34.3509, 58.8768, 21.8108



32.7253, 23.6101, 20.5773



24.9529, 0.8146, 1.9526



23.6842, 40.6115, 14.9043



2.9118, 5.0248, 1.5859

Previews

White Background



This preview shows how the HunterLab color 49.1707, -27.3211, -2.4806 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 49.1707, -27.3211, -2.4806 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

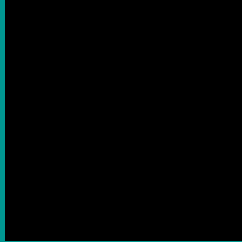
Any Text WCAG AA ✓ Pass

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 49.1707, -27.3211, -2.4806 Background



This preview shows how black text looks on a background with the HunterLab color 49.1707, -27.3211, -2.4806.



This preview shows how white text looks on a background with the HunterLab color 49.1707, -27.3211, -2.4806.

-27.3211, -2.4806.

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

49.1707, -27.3211, -2.4806

Protanopia

49.0242, -1.8600, 2.4544

Deuteranopia

48.9673, 3.0931, -4.2003



Tritanopia

49.3712, -22.1306, -10.4574

Trichromacy



Original Color

49.1707, -27.3211, -2.4806

Protanomaly

47.5883, -15.8802, -1.3866

Deuteranomaly

47.3697, -12.9829, -6.1055

Tritanomaly

49.3234, -24.3909, -7.3107

Monochromacy



Original Color

49.1707, -27.3211, -2.4806

Achromatopsia

37.5850, -2.0054, 2.0421

Achromatomaly

40.5813, -15.3118, -1.2233

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.1707, -27.3211, -2.4806 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, 151, 145)` looks like.

```
.text, #text, p{  
    color:rgb(0, 151, 145)  
}
```

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, 151, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 151, 145) }
```

Border

The CSS property to change the border of an element to HunterLab 49.1707, -27.3211, -2.4806 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, 151, 145) }
```


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

```
.border{ border-color:rgb(0, 151, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 151, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 151, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 151, 145);  
box-shadow:4px 4px 4px 4px rgb(0, 151,  
145) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.1707, -27.3211, -2.4806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 151, 145) }
```

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

```
.background{ background-color: rgb(0, 151,  
145) }
```

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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