

Converting Colors

HunterLab(49.9226, -26.1705,
-6.2241)

Have a look what the booklet for
HunterLab(49.9226, -26.1705,
-6.2241) contains.

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Color

**HunterLab(49.7891,
-25.9653, -6.1804)**

Conversions

Conversions Part 1

Format	Color
Hex	00989A
RGB	0, 152, 154
RGB Percent	0%, 60%, 60%
CMY	0.9999, 0.4039, 0.3961
CMYK	1.00, 0.01, 0.00, 0.40
HSL	181°, 100%, 30%
HSV	181°, 100%, 60%
XYZ	17.0610, 24.7895, 34.4575
YIQ	106.7800, -91.2340, -31.6020

Conversions

Conversions Part 2

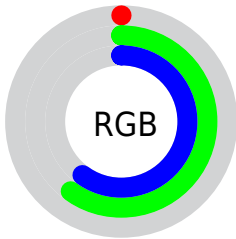
Format	Color
RYB	0, 76, 154
Decimal	39066
CIELab	56.87, -32.04, -10.65
CIELCh	57, 33.769, 198.391
Yxy	24.7905, 0.2236, 0.3249
Android (android.graphics.Color)	4278229146 (0xFF00989A)
YUV	106.7800, 23.2795, -93.6461
Hunter-Lab	49.7891, -25.9653, -6.1804

Details

The HunterLab color **49.7891, -25.9653, -6.1804** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.2947, 44.6013, 16.9819**, and the grayscale version is **38.2031, -2.0384, 2.0756**.

A 20% lighter version of the original color is **71.6965, -30.8309, -5.7090**, and **31.7705, -16.2392, -4.6545** is the 20% darker color. If you saturate the color by 10%, you get **49.7898, -25.9658, -6.1801**, and if you desaturate by 10%, it is **49.9604, -25.6283, -5.9447**.

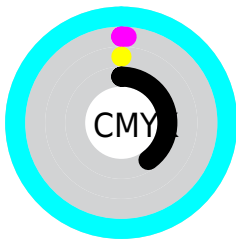
Distribution



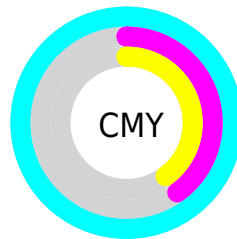
- Red (0%)
- Green (60%)
- Blue (60%)



- Red (0%)
- Yellow (30%)
- Blue (60%)



- Cyan (100%)
- Magenta (1%)
- Yellow (0%)
- Black (40%)



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

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.7891, -25.9653, -6.1804 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 49.7891, -25.9653, -6.1804 by changing the saturation by 10% instead.

■ 49.7891, -25.9653,
-6.1804

■ 49.7891, -25.9653,
-6.1804

166.3709,
-45.8005, -3.6383

■ 39.9011, -23.4180,
-6.1942

■ 71.6359, -30.7391,
-5.9596

■ 30.7706, -20.7141,
-6.1358

■ 83.5123, -33.0122,
-5.7649

■ 22.4674, -17.7903,
-5.9963

■ 95.9809, -35.2303,
-5.5194

■ 15.0843, -14.5387,
-5.7679

■ 109.0148,
-37.4041, -5.2269

■ 8.7214, -15.2624,
-5.5207

■ 122.5905,
-39.5420, -4.8900

0.0000, NaN, -NF

0.0000, NaN, NaN

■ 136.6872,

-41.6506, -4.5116

0.0000, NaN, NaN

151.2862,
-43.7354, -4.0937

0.0000, NaN, NaN

■ 49.7891, -25.9653,
-6.1804

■ 49.7891, -25.9653,
-6.1804

■ 49.7898, -25.9658,
-6.1801

■ 49.9604, -25.6283,
-5.9447

■ 50.2085, -24.9872,
-5.6013

■ 50.5683, -23.9124,
-5.1038

■ 51.0518, -22.3667,
-4.4395

■ 51.6672, -20.3302,
-3.6016

■ 52.4204, -17.7981,
-2.5892

■ 53.3146, -14.7787,
-1.4053

■ 54.3513, -11.2908,
-0.0570

■ 55.5299, -7.3620,
1.4459

Harmonies

Analogous

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



49.7900, -26.6355, 7.6488



49.7891, -25.9653, -6.1804



49.7900, -19.4907, -20.8235

Triad

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



49.7900, -25.9653, -6.1797



49.7900, 19.3932, -17.7550



49.7900, 2.9429, 22.0004

Complementary

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



49.7891, -25.9653, -6.1804



26.2947, 44.6013, 16.9819

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.



49.7900, 16.7553, 18.4552



49.7891, -25.9653, -6.1804



49.7900, 26.9379, -2.7926

Square

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



49.7900, -25.9653, -6.1797



49.7900, 6.2313, -28.6899



49.7900, 25.9219, 10.2133



49.7900, -10.9669, 21.5649

Rectangle

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



49.7891, -25.9653, -6.1804



49.7900, -12.3011, -27.9089



49.7900, 25.9219, 10.2133



49.7900, 7.7770, 21.2866

Sweetspot

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



49.7900, -25.9653, -6.1797



71.7773, -20.1887, -1.9991



48.0747, -41.2228, 28.9008



33.9146, -10.3949, -1.2596



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.



49.7900, -25.9653, -6.1797



67.0888, -34.9756, -8.3529



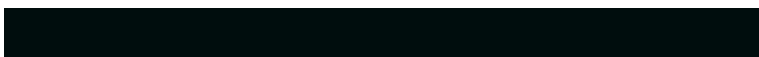
27.6457, 6.4239, -48.4188



26.4817, -3.3538, 0.7458



44.9458, -23.4429, -5.5719



5.5295, -2.9069, -0.6363

Inverse Universe

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



30.2287, 59.2625, -38.6019



40.7380, 79.8679, -51.9923



34.8995, 20.6665, 21.8655



25.1441, 1.8420, -0.7696



27.2849, 53.4969, -34.8547



3.3418, 6.5607, -4.3349

Previews

White Background



This preview shows how the HunterLab color 49.7891, -25.9653, -6.1804 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 49.7891, -25.9653, -6.1804 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

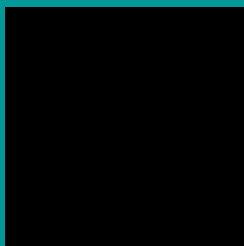
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

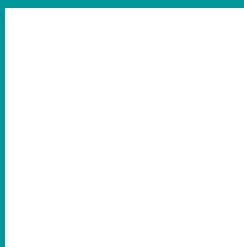
Any Text WCAG AAA × Fail

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

HunterLab 49.7891, -25.9653, -6.1804 Background



This preview shows how black text looks on a background with the HunterLab color 49.7891, -25.9653, -6.1804.



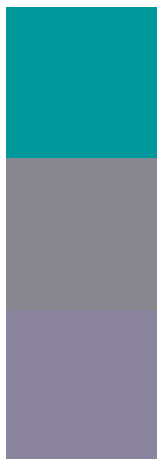
This preview shows how white text looks on a background with the HunterLab color 49.7891,

-25.9653, -6.1804.

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

49.7891, -25.9653, -6.1804

Protanopia

49.5433, -1.0406, -0.5889

Deuteranopia

49.3705, 3.6428, -8.3615



Tritanopia

49.9972, -22.8620, -10.6829

Trichromacy



Original Color

49.7891, -25.9653, -6.1804

Protanomaly

48.1483, -14.8522, -4.5827

Deuteranomaly

47.9315, -11.8458, -10.1296

Tritanomaly

49.7900, -23.8816, -9.3410

Monochromacy



Original Color

49.7891, -25.9653, -6.1804

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.0489, -14.8490, -2.5083

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.7891, -25.9653, -6.1804 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, 152, 154)` looks like.

```
.text, #text, p{  
    color:rgb(0, 152, 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, 152, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 152, 154) }
```

Border

The CSS property to change the border of an element to HunterLab 49.7891, -25.9653, -6.1804 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, 152, 154) }
```


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

```
.border{ border-color:rgb(0, 152, 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, 152, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 152, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 152, 154);  
box-shadow:4px 4px 4px 4px rgb(0, 152,  
154) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.7891, -25.9653, -6.1804 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 152, 154) }
```

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

```
.background{ background-color: rgb(0, 152,  
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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