

Converting Colors

HunterLab(49.6275, -29.3329,
1.6251)

Have a look what the booklet for
HunterLab(49.6275, -29.3329,
1.6251) contains.

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Color

**HunterLab(49.6194,
-29.3868, 1.7813)**

Conversions

Conversions Part 1

Format	Color
Hex	059989
RGB	5, 153, 137
RGB Percent	2%, 60%, 54%
CMY	0.9803, 0.4000, 0.4627
CMYK	0.97, 0.00, 0.10, 0.40
HSL	174°, 94%, 31%
HSV	174°, 97%, 60%
XYZ	15.9691, 24.6208, 27.5775
YIQ	106.9240, -83.0720, -36.3520

Conversions

Conversions Part 2

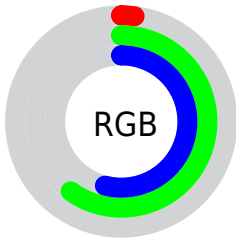
Format	Color
RYB	5, 83, 153
Decimal	366985
CIELab	56.71, -37.48, -1.19
CIELCh	57, 37.499, 181.815
Yxy	24.6218, 0.2343, 0.3612
Android (android.graphics.Color)	4278557065 (0xFF059989)
YUV	106.9240, 14.8275, -89.3873
Hunter-Lab	49.6194, -29.3868, 1.7813

Details

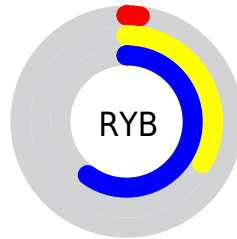
The HunterLab color **49.6194, -29.3868, 1.7813** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.3357, 44.2435, 15.4032**, and the grayscale version is **38.2859, -2.0428, 2.0801**.

A 20% lighter version of the original color is **71.4165, -34.8331, 2.9533**, and **31.6156, -19.3402, 2.2332** is the 20% darker color. If you saturate the color by 10%, you get **49.5720, -29.6125, 1.9641**, and if you desaturate by 10%, it is **49.7889, -28.6151, 1.2483**.

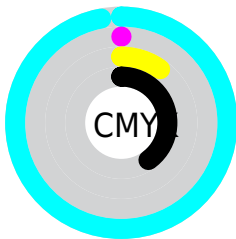
Distribution



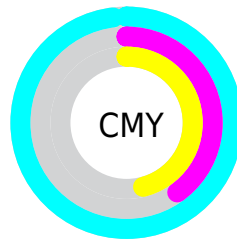
- Red (2%)
- Green (60%)
- Blue (54%)



- Red (2%)
- Yellow (33%)
- Blue (60%)



- Cyan (97%)
- Magenta (0%)
- Yellow (10%)
- Black (40%)



- Cyan (98%)
- Magenta (40%)
- Yellow (46%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.6194, -29.3868, 1.7813 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 49.6194, -29.3868, 1.7813 by changing the saturation by 10% instead.

■ 49.6194, -29.3868,
1.7813

■ 49.6194, -29.3868,
1.7813

166.1172,
-51.6862, 7.6745

■ 39.7435, -26.4638,
1.3085

■ 71.4444, -34.8243,
2.8532

■ 30.6261, -23.3435,
0.8817

■ 83.3107, -37.3961,
3.4455

■ 22.3374, -19.9488,
0.5068

■ 95.7697, -39.8955,
4.0725

■ 14.9705, -16.1492,
0.1913

■ 108.7944,
-42.3359, 4.7326

■ 8.6156, -15.0773,
-0.1024

■ 122.3613,
-44.7277, 5.4241

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 136.4495,

-47.0791, 6.1456

0.0000, NaN, NaN

151.0404,
-49.3968, 6.8961

0.0000, NaN, NaN

■ 49.6194, -29.3868,
1.7813

■ 49.6194, -29.3868,
1.7813

■ 49.5720, -29.6125,
1.9641

■ 49.7889, -28.6151,
1.2483

■ 50.0540, -27.4607,
0.8311

■ 50.4349, -25.8558,
0.5573

■ 50.9422, -23.7715,
0.4424

■ 51.5833, -21.1955,
0.4970

■ 52.3631, -18.1301,
0.7270

■ 53.2845, -14.5901,
1.1343

■ 54.3481, -10.5998,
1.7167

■ 55.5529, -6.1911,
2.4692

Harmonies

Analogous

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



49.6203, -26.5766, 14.4510



49.6194, -29.3868, 1.7813



49.6203, -25.8075, -14.9698

Triad

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



49.6203, -29.3870, 1.7819



49.6203, 14.3072, -28.4635



49.6203, 12.4454, 21.9460

Complementary

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



49.6194, -29.3868, 1.7813



26.3357, 44.2435, 15.4032

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.



49.6203, 25.7293, 15.5917



49.6194, -29.3868, 1.7813



49.6203, 26.8949, -12.8861

Square

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



49.6203, -29.3870, 1.7819



49.6203, -1.6896, -35.4797



49.6203, 31.3114, 3.6028



49.6203, -3.6037, 23.6994

Rectangle

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



49.6194, -29.3868, 1.7813



49.6203, -19.9847, -25.6248



49.6203, 31.3114, 3.6028



49.6203, 17.4481, 20.4005

Sweetspot

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



49.6203, -29.3870, 1.7819



70.9352, -20.9390, 1.3383



47.9250, -40.0817, 28.6512



33.1053, -10.7128, 0.5278



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.



49.6203, -29.3870, 1.7819



66.3256, -39.7037, 2.8077



32.7847, -2.8140, -34.3511



26.4859, -3.5159, 1.0861



45.0690, -26.9008, 1.7387



5.5365, -3.1335, -0.1558

Inverse Universe

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



26.3357, 44.2435, 15.4032



34.9063, 59.9386, 21.3111



31.9392, 27.2312, 19.8900



24.9660, 0.8853, 1.7654



23.7322, 40.7894, 14.1932



2.9445, 5.1451, 1.1073

Previews

White Background



This preview shows how the HunterLab color 49.6194, -29.3868, 1.7813 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 49.6194, -29.3868, 1.7813 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

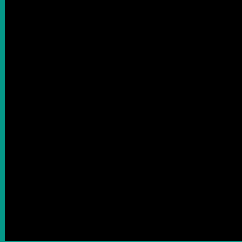
Any Text WCAG AA ✓ Pass

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 49.6194, -29.3868, 1.7813 Background



This preview shows how black text looks on a background with the HunterLab color 49.6194, -29.3868, 1.7813.



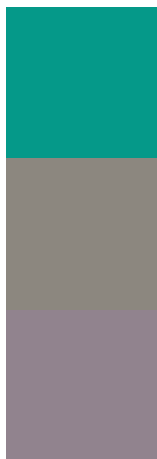
This preview shows how white text looks on a background with the HunterLab color 49.6194, -29.3868, 1.7813.

-29.3868, 1.7813.

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

49.6194, -29.3868, 1.7813

Protanopia

49.4325, -2.3349, 6.3365

Deuteranopia

49.1989, 3.4290, -0.4640



Tritanopia

49.5327, -21.4349, -10.7694

Trichromacy



Original Color

49.6194, -29.3868, 1.7813

Protanomaly

48.1756, -17.3020, 2.9560

Deuteranomaly

47.6848, -13.8885, -1.7093

Tritanomaly

49.3413, -24.4559, -6.2378

Monochromacy



Original Color

49.6194, -29.3868, 1.7813

Achromatopsia

38.3441, -2.0459, 2.0833

Achromatomaly

41.2618, -15.9549, 0.5179

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.6194, -29.3868, 1.7813 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(5, 153, 137)` looks like.

```
.text, #text, p{  
    color:rgb(5, 153, 137)  
}
```

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(5, 153, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(5, 153, 137) }
```

Border

The CSS property to change the border of an element to HunterLab 49.6194, -29.3868, 1.7813 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(5, 153, 137) }
```


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

```
.border{ border-color:rgb(5, 153, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(5, 153, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(5, 153, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(5, 153, 137);  
box-shadow:4px 4px 4px 4px rgb(5, 153,  
137) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.6194, -29.3868, 1.7813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(5, 153, 137) }
```

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

```
.background{ background-color: rgb(5, 153,  
137) }
```

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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