

Converting Colors

HunterLab(49.7098, -35.3899,
-2.6670)

Have a look what the booklet for
HunterLab(49.7098, -35.3899,
-2.6670) contains.

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Color

**HunterLab(51.2060,
-29.2224, -0.9203)**

Conversions

Conversions Part 1

Format	Color
Hex	009D93
RGB	0, 157, 147
RGB Percent	0%, 62%, 58%
CMY	0.9999, 0.3843, 0.4235
CMYK	1.00, 0.00, 0.06, 0.38
HSL	176°, 100%, 31%
HSV	176°, 100%, 62%
XYZ	17.3234, 26.2205, 31.7518
YIQ	108.9170, -90.3620, -36.3940

Conversions

Conversions Part 2

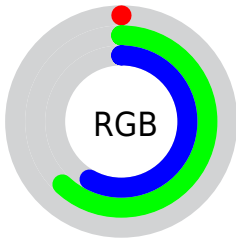
Format	Color
RYB	0, 81, 157
Decimal	40339
CIELab	58.25, -36.54, -4.62
CIELCh	58, 36.827, 187.201
Yxy	26.2215, 0.2301, 0.3482
Android (android.graphics.Color)	4278230419 (0xFF009D93)
YUV	108.9170, 18.7749, -95.5202
Hunter-Lab	51.2060, -29.2224, -0.9203

Details

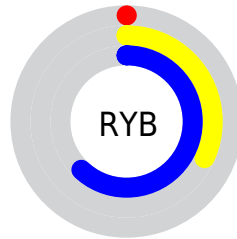
The HunterLab color **51.2060, -29.2224, -0.9203** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **26.8156, 46.0000, 16.6926**, and the grayscale version is **39.0326, -2.0827, 2.1207**.

A 20% lighter version of the original color is **73.1629, -34.3472, -0.2991**, and **33.1153, -19.0920, -0.1770** is the 20% darker color. If you saturate the color by 10%, you get **51.2068, -29.2233, -0.9192**, and if you desaturate by 10%, it is **51.3426, -28.6198, -1.2184**.

Distribution



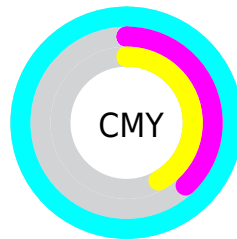
- Red (0%)
- Green (62%)
- Blue (58%)



- Red (0%)
- Yellow (32%)
- Blue (62%)



- Cyan (100%)
- Magenta (0%)
- Yellow (6%)
- Black (38%)



- Cyan (100%)
- Magenta (38%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 51.2060, -29.2224, -0.9203 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 51.2060, -29.2224, -0.9203 by changing the saturation by 10% instead.

51.2060, -29.2224,
-0.9203

51.2060, -29.2224,
-0.9203

168.4838,
-51.0104, 3.7644

41.2183, -26.3893,
-1.2239

73.2340, -34.5110,
-0.1587

31.9796, -23.3747,
-1.4697

85.1935, -37.0190,
0.2897

23.5578, -20.1090,
-1.6491

97.7414, -39.4599,
0.7791

16.0414, -16.4762,
-1.7507

110.8512,
-41.8461, 1.3070

9.5564, -16.7236,
-1.7576

124.4998,
-44.1873, 1.8712

0.0000, NaN, -NF

0.0000, NaN, NaN

138.6666,

-46.4911, 2.4699

0.0000, NaN, NaN

153.3335,
-48.7638, 3.1014

0.0000, NaN, NaN

■ 51.2060, -29.2224,
-0.9203

■ 51.2060, -29.2224,
-0.9203

■ 51.2068, -29.2233,
-0.9192

■ 51.3426, -28.6198,
-1.2184

■ 51.5584, -27.7010,
-1.4134

■ 51.8884, -26.3360,
-1.4586

■ 52.3451, -24.4870,
-1.3375

■ 52.9374, -22.1340,
-1.0394

■ 53.6715, -19.2731,
-0.5584

■ 54.5510, -15.9135,
0.1063

■ 55.5774, -12.0761,
0.9518

■ 56.7507, -7.7902,
1.9716

Harmonies

Analogous

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



51.2070, -27.5543, 12.6561



51.2060, -29.2224, -0.9203



51.2070, -24.5013, -17.6371

Triad

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



51.2070, -29.2225, -0.9197



51.2070, 16.6895, -25.5427



51.2070, 9.4126, 22.7300

Complementary

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



51.2060, -29.2224, -0.9203



26.8156, 46.0000, 16.6926

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.



51.2070, 23.4105, 17.2108



51.2060, -29.2224, -0.9203



51.2070, 27.9504, -9.5462

Square

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



51.2070, -29.2225, -0.9197



51.2070, 1.0791, -34.3654



51.2070, 30.5466, 6.2364



51.2070, -6.4407, 23.7825

Rectangle

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



51.2060, -29.2224, -0.9203



51.2070, -17.9896, -27.4616



51.2070, 30.5466, 6.2364



51.2070, 14.5450, 21.4375

Sweetspot

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



51.2070, -29.2225, -0.9197



72.9263, -21.5800, 0.0828



49.1757, -41.8140, 29.5691



33.9848, -10.9744, -0.1348



88.7363, -4.7347, 4.8212



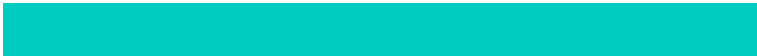
36.4511, -1.9449, 1.9805

Same Dimension

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



51.2070, -29.2225, -0.9197



68.5182, -39.1547, -1.1181



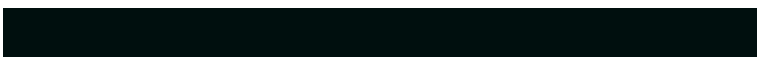
30.9444, 1.5516, -42.0248



27.3901, -3.5941, 0.9893



46.1496, -26.3225, -0.8602



6.1869, -3.4244, -0.3408

Inverse Universe

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



26.8156, 46.0000, 16.6926



35.8698, 61.5091, 22.5504



33.6278, 25.9493, 21.1745



25.7927, 0.8798, 1.9534



24.1697, 41.4738, 14.9784



3.2593, 5.6472, 1.5981

Previews

White Background



This preview shows how the HunterLab color 51.2060, -29.2224, -0.9203 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 51.2060, -29.2224, -0.9203 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

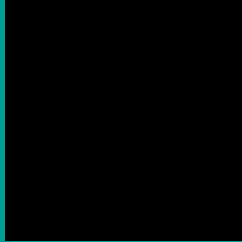
Any Text WCAG AA ✓ Pass

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 51.2060, -29.2224, -0.9203 Background



This preview shows how black text looks on a background with the HunterLab color 51.2060, -29.2224, -0.9203.



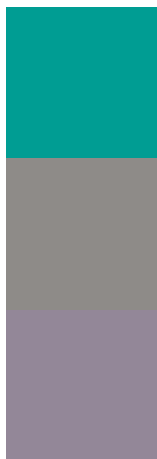
This preview shows how white text looks on a background with the HunterLab color 51.2060,

-29.2224, -0.9203.

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

51.2060, -29.2224, -0.9203

Protanopia

50.9839, -2.2828, 4.2888

Deuteranopia

50.7917, 3.7672, -3.3124



Tritanopia

51.2604, -22.6444, -11.0960

Trichromacy



Original Color

51.2060, -29.2224, -0.9203

Protanomaly

49.6235, -17.6728, 0.6243

Deuteranomaly

49.2205, -13.8099, -4.6694

Tritanomaly

51.1497, -25.2311, -7.4741

Monochromacy



Original Color

51.2060, -29.2224, -0.9203

Achromatopsia

39.1058, -2.0866, 2.1247

Achromatomaly

41.9726, -16.0810, -0.8886

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 51.2060, -29.2224, -0.9203 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, 157, 147)` looks like.

```
.text, #text, p{  
    color:rgb(0, 157, 147)  
}
```

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, 157, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 157, 147) }
```

Border

The CSS property to change the border of an element to HunterLab 51.2060, -29.2224, -0.9203 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, 157, 147) }
```


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

```
.border{ border-color:rgb(0, 157, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 157, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(0, 157, 147); -webkit-box-shadow:4px 4px 4px 4px rgb(0, 157, 147); box-shadow:4px 4px 4px 4px rgb(0, 157, 147) }
```

Background

The CSS property to change the background color of an element to HunterLab 51.2060, -29.2224, -0.9203 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 157, 147) }
```

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

```
.background{ background-color: rgb(0, 157,  
147) }
```

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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