

Converting Colors

HunterLab(56.8973, -29.6612,
-0.0966)

Have a look what the booklet for
HunterLab(56.8973, -29.6612,
-0.0966) contains.

HunterLab(56.8926, -29.6798, -0.1218)	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(56.8926,
-29.6798, -0.1218)**

Conversions

Conversions Part 1

Format	Color
Hex	33ABA0
RGB	51, 171, 160
RGB Percent	20%, 67%, 63%
CMY	0.8000, 0.3294, 0.3725
CMYK	0.70, 0.00, 0.06, 0.33
HSL	174°, 54%, 44%
HSV	174°, 70%, 67%
XYZ	22.2733, 32.3677, 38.3314
YIQ	133.8660, -67.9890, -28.8610

Conversions

Conversions Part 2

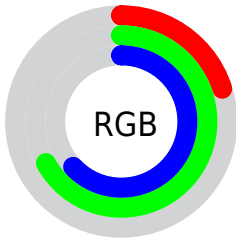
Format	Color
RYB	51, 114, 171
Decimal	3386272
CIELab	63.65, -35.04, -3.90
CIELCh	64, 35.255, 186.349
Yxy	32.3689, 0.2396, 0.3481
Android (android.graphics.Color)	4281576352 (0xFF33ABA0)
YUV	133.8660, 12.8841, -72.6735
Hunter-Lab	56.8926, -29.6798, -0.1218

Details

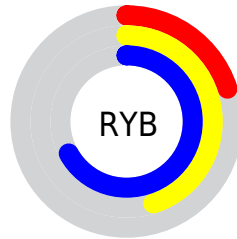
The HunterLab color **56.8926, -29.6798, -0.1218** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **33.7258, 40.7415, 13.4811**, and the grayscale version is **48.7443, -2.6009, 2.6484**.

A 20% lighter version of the original color is **79.6802, -34.5873, 0.6549**, and **37.4980, -21.6427, -0.1489** is the 20% darker color. If you saturate the color by 10%, you get **56.5234, -31.2435, 0.1458**, and if you desaturate by 10%, it is **57.4047, -27.5774, -0.2083**.

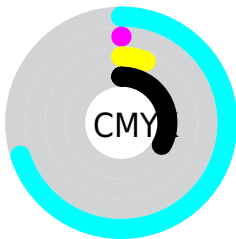
Distribution



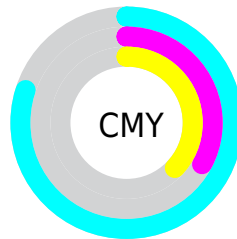
- Red (20%)
- Green (67%)
- Blue (63%)



- Red (20%)
- Yellow (45%)
- Blue (67%)



- Cyan (70%)
- Magenta (0%)
- Yellow (6%)
- Black (33%)



- Cyan (80%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.8926, -29.6798, -0.1218 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 56.8926, -29.6798, -0.1218 by changing the saturation by 10% instead.

■ 56.8926, -29.6798,
-0.1218

■ 56.8926, -29.6798,
-0.1218

176.8605,
-50.5467, 5.0003

■ 46.5225, -27.0221,
-0.4890

■ 79.6172, -34.6873,
0.7547

■ 36.8716, -24.2186,
-0.8041

■ 91.8980, -37.0785,
1.2556

■ 27.9993, -21.2176,
-1.0600

■ 104.7523,
-39.4139, 1.7948

■ 19.9812, -17.9362,
-1.2478

■ 118.1557,
-41.7037, 2.3703

■ 12.9204, -14.5898,
-1.3546

■ 132.0866,
-43.9560, 2.9801

■ 6.3538, -11.1191,
-2.1976

146.5256,

0.0000, NaN, NaN

-46.1773, 3.6226

0.0000, NaN, NaN

161.4554,
-48.3727, 4.2964

0.0000, NaN, NaN

■ 56.8926, -29.6798,
-0.1218

■ 56.8926, -29.6798,
-0.1218

■ 56.5234, -31.2435,
0.1458

■ 57.4047, -27.5774,
-0.2083

■ 56.2796, -32.3111,
0.5724

■ 58.0664, -24.9132,
-0.1021

■ 56.1287, -33.0086,
1.1001

■ 58.8859, -21.6832,
0.2058

■ 59.8672, -17.8984,
0.7181

■ 61.0122, -13.5826,
1.4334

■ 62.3204, -8.7695,
2.3458

■ 63.7898, -3.4997,
3.4467

■ 65.4166, 2.1821,
4.7247

■ 67.1962, 8.2293,
6.1670

Harmonies

Analogous

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



56.8937, -27.7965, 13.3166



56.8926, -29.6798, -0.1218



56.8937, -25.0636, -16.3506

Triad

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



56.8937, -29.6801, -0.1211



56.8937, 15.6814, -24.7234



56.8937, 9.3891, 23.3932

Complementary

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



56.8926, -29.6798, -0.1218



33.7258, 40.7415, 13.4811

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.



56.8937, 22.9482, 17.4417



56.8926, -29.6798, -0.1218



56.8937, 26.8438, -9.4604

Square

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



56.8937, -29.6801, -0.1211



56.8937, 0.2873, -32.8022



56.8937, 29.6356, 6.1372



56.8937, -6.2901, 24.6483

Rectangle

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



56.8926, -29.6798, -0.1218



56.8937, -18.5974, -25.8424



56.8937, 29.6356, 6.1372



56.8937, 14.3953, 21.9710

Sweetspot

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



56.8937, -29.6801, -0.1211



81.4537, -18.9053, 1.7893



55.1569, -40.8249, 29.9053



38.2648, -9.6784, 0.7158



93.2148, -4.9737, 5.0645



40.3295, -2.1519, 2.1912

Same Dimension

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



56.8937, -29.6801, -0.1211



75.4489, -42.6480, 0.4739



42.2034, -7.0298, -28.2461



30.0986, -4.0174, 1.1729



48.7369, -28.6339, 0.8955



8.1510, -4.6430, -0.1650

Inverse Universe

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



33.7258, 40.7415, 13.4811



41.2196, 63.5260, 21.7391



42.2160, 18.5312, 21.9380



28.3317, 1.0365, 2.0658



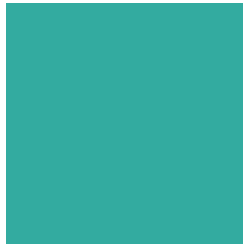
25.6085, 43.9770, 15.6048



4.3149, 7.4962, 1.9598

Previews

White Background



This preview shows how the HunterLab color 56.8926, -29.6798, -0.1218 looks on a white background.

Color Contrast Check

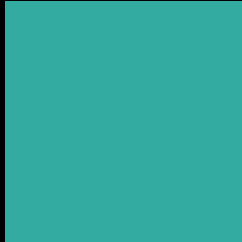
Large Text (above 18pt) WCAG AA × Fail

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 56.8926, -29.6798, -0.1218 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

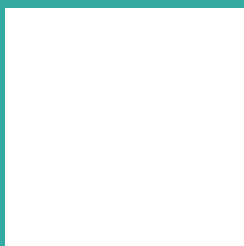
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.8926, -29.6798, -0.1218 Background



This preview shows how black text looks on a background with the HunterLab color 56.8926, -29.6798, -0.1218.



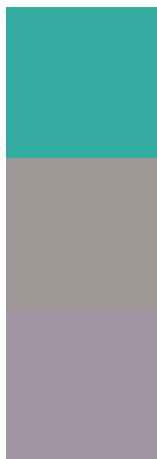
This preview shows how white text looks on a background with the HunterLab color 56.8926, -29.6798, -0.1218.

-29.6798, -0.1218.

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

56.8926, -29.6798, -0.1218

Protanopia

56.3866, -1.9418, 4.8133

Deuteranopia

56.5668, 4.0158, -2.3845



Tritanopia

56.9194, -23.1122, -10.8679

Trichromacy



Original Color

56.8926, -29.6798, -0.1218



Protanomaly

55.6307, -15.1506, 1.8948



Deuteranomaly

55.5840, -11.5486, -2.9121



Tritanomaly

56.8532, -25.6029, -6.6452

Monochromacy



Original Color

56.8926, -29.6798, -0.1218



Achromatopsia

48.8260, -2.6052, 2.6528



Achromatomaly

50.7875, -14.7170, 0.7002

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8926, -29.6798, -0.1218 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(51, 171, 160)` looks like.

```
.text, #text, p{  
    color:rgb(51, 171, 160)  
}
```

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(51, 171, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 171, 160) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8926, -29.6798, -0.1218 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(51, 171, 160) }
```


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

```
.border{ border-color:rgb(51, 171, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 171, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 171, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 171, 160);  
box-shadow:4px 4px 4px 4px rgb(51, 171,  
160) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8926, -29.6798, -0.1218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 171, 160) }
```

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

```
.background{ background-color: rgb(51, 171,  
160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor