

Converting Colors

HunterLab(58.2964, -29.5461,
-9.0839)

Have a look what the booklet for
HunterLab(58.2964, -29.5461,
-9.0839) contains.

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Color

**HunterLab(58.3062,
-29.5706, -9.0433)**

Conversions

Conversions Part 1

Format	Color
Hex	00AFB5
RGB	0, 175, 181
RGB Percent	0%, 69%, 71%
CMY	0.9999, 0.3137, 0.2902
CMYK	1.00, 0.03, 0.00, 0.29
HSL	182°, 100%, 35%
HSV	182°, 100%, 71%
XYZ	23.6704, 33.9961, 49.0304
YIQ	123.3590, -106.2260, -35.2340

Conversions

Conversions Part 2

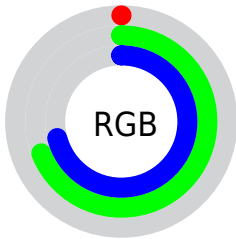
Format	Color
RYB	0, 89, 181
Decimal	44981
CIELab	64.96, -34.39, -13.71
CIELCh	65, 37.019, 201.737
Yxy	33.9974, 0.2219, 0.3186
Android (android.graphics.Color)	4278235061 (0xFF00AFB5)
YUV	123.3590, 28.4170, -108.1858
Hunter-Lab	58.3062, -29.5706, -9.0433

Details

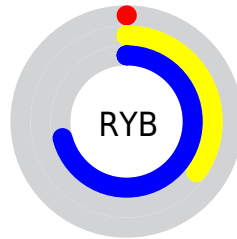
The HunterLab color **58.3062, -29.5706, -9.0433** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **31.5514, 52.9663, 20.3673**, and the grayscale version is **44.5720, -2.3782, 2.4217**.

A 20% lighter version of the original color is **81.1905, -34.3385, -9.0808**, and **39.3416, -19.5929, -6.8782** is the 20% darker color. If you saturate the color by 10%, you get **58.3067, -29.5709, -9.0433**, and if you desaturate by 10%, it is **58.6184, -29.3772, -8.6115**.

Distribution



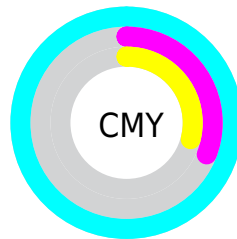
- Red (0%)
- Green (69%)
- Blue (71%)



- Red (0%)
- Yellow (35%)
- Blue (71%)



- Cyan (100%)
- Magenta (3%)
- Yellow (0%)
- Black (29%)



- Cyan (100%)
- Magenta (31%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 58.3062, -29.5706, -9.0433 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 58.3062, -29.5706, -9.0433 by changing the saturation by 10% instead.

■ 58.3062, -29.5706,
-9.0433

■ 58.3062, -29.5706,
-9.0433

178.9191,
-50.0991, -7.1395

■ 47.8452, -26.9706,
-8.9864

■ 81.1970, -34.4805,
-8.9670

■ 38.0966, -24.2343,
-8.8606

■ 93.5547, -36.8297,
-8.8449

■ 29.1181, -21.3137,
-8.6591

■ 106.4825,
-39.1264, -8.6717

■ 20.9827, -18.1329,
-8.3776

■ 119.9564,
-41.3802, -8.4507

■ 13.7887, -14.6187,
-8.0207

■ 133.9551,
-43.5988, -8.1846

■ 7.4105, -12.9684,
-8.3013

148.4595,

0.0000, NaN, -NF

-45.7883, -7.8760

0.0000, NaN, NaN

163.4526,
-47.9537, -7.5270

0.0000, NaN, NaN

■ 58.3062, -29.5706,
-9.0433

■ 58.3062, -29.5706,
-9.0433

■ 58.3067, -29.5709,
-9.0433

■ 58.6184, -29.3772,
-8.6115

■ 59.0302, -28.7903,
-8.0389

■ 59.5786, -27.6744,
-7.2773

■ 60.2779, -25.9836,
-6.3121

■ 61.1380, -23.6942,
-5.1371

■ 62.1654, -20.8021,
-3.7527

■ 63.3635, -17.3188,
-2.1651

■ 64.7331, -13.2693,
-0.3848

■ 66.2730, -8.6882,
1.5747

Harmonies

Analogous

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



58.3073, -31.1131, 7.3157



58.3062, -29.5706, -9.0433



58.3073, -21.3573, -25.5770

Triad

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



58.3073, -29.5706, -9.0425



58.3073, 23.7208, -18.5845



58.3073, 1.4794, 25.7130

Complementary

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



58.3062, -29.5706, -9.0433



31.5514, 52.9663, 20.3673

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.



58.3073, 17.6903, 22.1317



58.3062, -29.5706, -9.0433



58.3073, 31.4260, -1.2961

Square

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



58.3073, -29.5706, -9.0425



58.3073, 9.0092, -32.0602



58.3073, 29.1053, 13.2114



58.3073, -14.3216, 24.7019

Rectangle

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



58.3062, -29.5706, -9.0433



58.3073, -12.6555, -33.0292



58.3073, 29.1053, 13.2114



58.3073, 7.0830, 25.0521

Sweetspot

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



58.3073, -29.5706, -9.0425



84.7082, -23.4387, -3.0145



57.4936, -49.2582, 34.4746



39.0615, -11.8313, -1.8233



95.4677, -5.0939, 5.1869



42.2927, -2.2566, 2.2978

Same Dimension

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



58.3073, -29.5706, -9.0425



77.9851, -39.5196, -12.1631



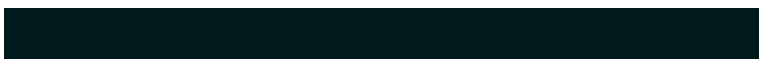
31.9912, 9.7995, -61.1367



30.9552, -3.9001, 0.7983



48.4327, -24.5783, -7.4792



8.6773, -4.4636, -1.2103

Inverse Universe

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



35.9442, 70.1612, -43.5247



48.0941, 93.8738, -58.1545



42.1268, 23.8094, 26.3738



29.3969, 2.2181, -0.8885



29.8465, 58.2690, -36.1852



5.3084, 10.3851, -6.6027

Previews

White Background



This preview shows how the HunterLab color 58.3062, -29.5706, -9.0433 looks on a white background.

Color Contrast Check

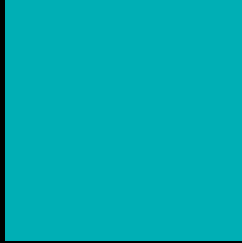
Large Text (above 18pt) WCAG AA × Fail

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 58.3062, -29.5706, -9.0433 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

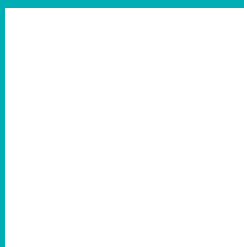
Any Text WCAG AAA ✓ Pass

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

HunterLab 58.3062, -29.5706, -9.0433 Background



This preview shows how black text looks on a background with the HunterLab color 58.3062, -29.5706, -9.0433.



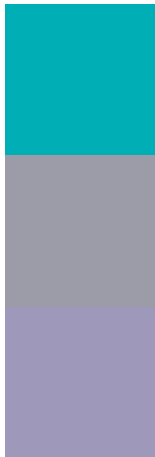
This preview shows how white text looks on a background with the HunterLab color 58.3062,

-29.5706, -9.0433.

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

58.3062, -29.5706, -9.0433

Protanopia

58.0598, -0.8862, -2.5708

Deuteranopia

57.9627, 4.3629, -11.7254



Tritanopia

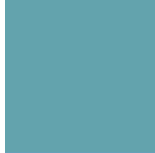
58.4034, -26.9774, -12.7835

Trichromacy



Original Color

58.3062, -29.5706, -9.0433



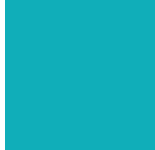
Protanomaly

56.4484, -17.2458, -7.0441



Deuteranomaly

56.3180, -13.7297, -13.2780



Tritanomaly

58.2109, -27.9473, -11.3698

Monochromacy



Original Color

58.3062, -29.5706, -9.0433



Achromatopsia

44.5050, -2.3747, 2.4180



Achromatomaly

47.9367, -17.4260, -3.4013

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 58.3062, -29.5706, -9.0433 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, 175, 181)` looks like.

```
.text, #text, p{  
    color:rgb(0, 175, 181)  
}
```

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, 175, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 175, 181) }
```

Border

The CSS property to change the border of an element to HunterLab 58.3062, -29.5706, -9.0433 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, 175, 181) }
```


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

```
.border{ border-color:rgb(0, 175, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 175, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 175, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 175, 181);  
box-shadow:4px 4px 4px 4px rgb(0, 175,  
181) }
```

Background

The CSS property to change the background color of an element to HunterLab 58.3062, -29.5706, -9.0433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 175, 181) }
```

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

```
.background{ background-color: rgb(0, 175,  
181) }
```

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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