

Converting Colors

HunterLab(55.6206, -29.4767,
-5.8891)

Have a look what the booklet for
HunterLab(55.6206, -29.4767,
-5.8891) contains.

HunterLab(55.5269, -29.4377, -5.8563)	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(55.5269,
-29.4377, -5.8563)**

Conversions

Conversions Part 1

Format	Color
Hex	00A8A8
RGB	0, 168, 168
RGB Percent	0%, 66%, 66%
CMY	0.9999, 0.3412, 0.3412
CMYK	1.00, 0.00, 0.00, 0.34
HSL	180°, 100%, 33%
HSV	180°, 100%, 66%
XYZ	21.0705, 30.8324, 41.8865
YIQ	117.7680, -100.1280, -35.6160

Conversions

Conversions Part 2

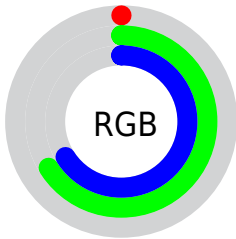
Format	Color
RYB	0, 84, 168
Decimal	43176
CIELab	62.37, -35.17, -10.34
CIELCh	62, 36.664, 196.385
Yxy	30.8335, 0.2247, 0.3287
Android (android.graphics.Color)	4278233256 (0xFF00A8A8)
YUV	117.7680, 24.7644, -103.2825
Hunter-Lab	55.5269, -29.4377, -5.8563

Details

The HunterLab color **55.5269, -29.4377, -5.8563** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **28.8544, 49.4087, 18.6432**, and the grayscale version is **42.4127, -2.2630, 2.3044**.

A 20% lighter version of the original color is **78.1830, -34.5399, -5.3706**, and **36.7728, -19.2911, -4.3190** is the 20% darker color. If you saturate the color by 10%, you get **55.5278, -29.4384, -5.8558**, and if you desaturate by 10%, it is **55.6336, -29.0204, -5.7081**.

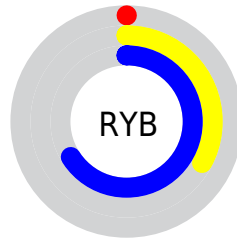
Distribution



Red (0%)

Green (66%)

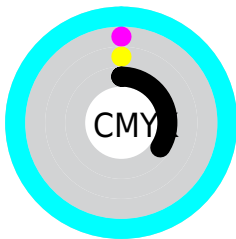
Blue (66%)



Red (0%)

Yellow (33%)

Blue (66%)

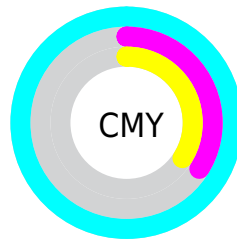


Cyan (100%)

Magenta (0%)

Yellow (0%)

Black (34%)



Cyan (100%)


Magenta (34%)


Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 55.5269, -29.4377, -5.8563 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 55.5269, -29.4377, -5.8563 by changing the saturation by 10% instead.


 55.5269, -29.4377,
-5.8563


 55.5269, -29.4377,
-5.8563


174.8630,
-50.4201, -2.9827

 45.2461, -26.7545,
-5.9202


 78.0883, -34.4835,
-5.5460


 35.6913, -23.9193,
-5.9166


 90.2937, -36.8899,
-5.3109


 26.9237, -20.8772,
-5.8368


 103.0761,
-39.2386, -5.0276

 19.0216, -17.5389,
-5.6719

 116.4105,
-41.5402, -4.6991

 12.0929, -14.6293,
-5.4156

 130.2750,
-43.8031, -4.3281

 5.1188, -8.9579,
-8.1044

 144.6499,

0.0000, NaN, NaN

-46.0339, -3.9171

0.0000, NaN, NaN

159.5179,
-48.2381, -3.4680

0.0000, NaN, NaN

■ 55.5269, -29.4377,
-5.8563

■ 55.5269, -29.4377,
-5.8563

■ 55.5278, -29.4384,
-5.8558

■ 55.6336, -29.0204,
-5.7081

■ 55.8275, -28.2563,
-5.4381

■ 56.1448, -27.0129,
-4.9985

■ 56.5993, -25.2458,
-4.3735

■ 57.2010, -22.9301,
-3.5540

■ 57.9571, -20.0581,
-2.5369

■ 58.8720, -16.6373,
-1.3244

■ 59.9476, -12.6876,
0.0769

■ 61.1840, -8.2394,
1.6570

Harmonies

Analogous

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



55.5279, -29.7454, 9.4622



55.5269, -29.4377, -5.8563



55.5279, -22.5815, -22.5269

Triad

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



55.5279, -29.4377, -5.8555



55.5279, 21.0345, -21.1098



55.5279, 4.4412, 24.5618

Complementary

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



55.5269, -29.4377, -5.8563



28.8544, 49.4087, 18.6432

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.



55.5279, 19.8186, 20.2709



55.5269, -29.4377, -5.8563



55.5279, 30.1039, -4.2946

Square

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



55.5279, -29.4377, -5.8555



55.5279, 5.9554, -32.8943



55.5279, 29.6354, 10.6404



55.5279, -11.3571, 24.3629

Rectangle

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



55.5269, -29.4377, -5.8563



55.5279, -14.7276, -30.9137



55.5279, 29.6354, 10.6404



55.5279, 9.8646, 23.6634

Sweetspot

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



55.5279, -29.4377, -5.8555



79.2288, -22.6927, -1.8838



52.9381, -45.3054, 31.8261



36.7468, -11.4947, -1.1987



92.0917, -4.9138, 5.0035



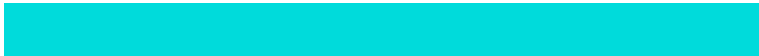
39.3538, -2.0998, 2.1382

Same Dimension

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



55.5279, -29.4377, -5.8555



74.7997, -39.6556, -7.8881



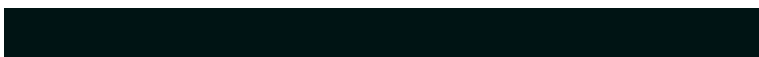
31.0064, 5.9658, -51.6303



29.2097, -3.7717, 0.8453



48.2528, -25.5816, -5.0886



7.5265, -3.9902, -0.7938

Inverse Universe

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



28.8544, 49.4087, 18.6432



38.8673, 66.5614, 25.1150



37.7388, 24.3338, 23.6792



27.4633, 0.8885, 2.2810



25.0731, 42.9384, 16.2015



3.9109, 6.6976, 2.5271

Previews

White Background



This preview shows how the HunterLab color 55.5269, -29.4377, -5.8563 looks on a white background.

Color Contrast Check

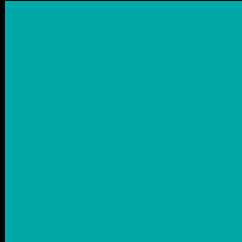
Large Text (above 18pt) WCAG AA × Fail

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 55.5269, -29.4377, -5.8563 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

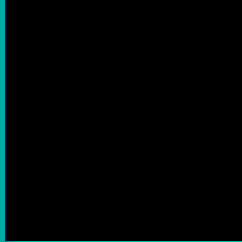
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

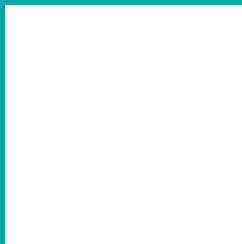
Any Text WCAG AAA ✓ Pass

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

HunterLab 55.5269, -29.4377, -5.8563 Background



This preview shows how black text looks on a background with the HunterLab color 55.5269, -29.4377, -5.8563.



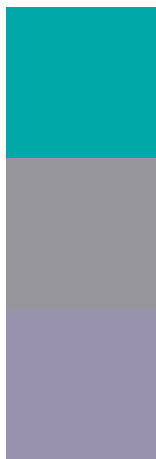
This preview shows how white text looks on a background with the HunterLab color 55.5269,

-29.4377, -5.8563.

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

55.5269, -29.4377, -5.8563

Protanopia

55.2037, -1.1843, 0.2149

Deuteranopia

55.0883, 3.9091, -8.5370



Tritanopia

55.5371, -25.1633, -12.3167

Trichromacy



Original Color

55.5269, -29.4377, -5.8563

Protanomaly

53.6673, -17.2274, -3.9742

Deuteranomaly

53.4723, -14.0076, -10.0157

Tritanomaly

55.5972, -26.9068, -10.0148

Monochromacy



Original Color

55.5269, -29.4377, -5.8563

Achromatopsia

42.5634, -2.2711, 2.3126

Achromatomaly

45.6966, -16.8848, -2.3590

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 55.5269, -29.4377, -5.8563 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, 168, 168)` looks like.

```
.text, #text, p{  
    color:rgb(0, 168, 168)  
}
```

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, 168, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 168, 168) }
```

Border

The CSS property to change the border of an element to HunterLab 55.5269, -29.4377, -5.8563 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, 168, 168) }
```


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

```
.border{ border-color:rgb(0, 168, 168) }
```

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

Here you see how a box with a 4 pixel rgb(0, 168, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 168, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 168, 168);  
box-shadow:4px 4px 4px 4px rgb(0, 168,  
168) }
```

Background

The CSS property to change the background color of an element to HunterLab 55.5269, -29.4377, -5.8563 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 168, 168) }
```

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

```
.background{ background-color: rgb(0, 168,  
168) }
```

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