

Converting Colors

HunterLab(56.9591, -33.7841,
1.7379)

Have a look what the booklet for
HunterLab(56.9591, -33.7841,
1.7379) contains.

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Color

**HunterLab(56.8220,
-33.6444, 1.6059)**

Conversions

Conversions Part 1	
Format	Color
Hex	00AD9C
RGB	0, 173, 156
RGB Percent	0%, 68%, 61%
CMY	0.9999, 0.3216, 0.3882
CMYK	1.00, 0.00, 0.10, 0.32
HSL	174°, 100%, 34%
HSV	174°, 100%, 68%
XYZ	20.9443, 32.2874, 36.5807
YIQ	119.3350, -97.6510, -41.9630

Conversions

Conversions Part 2

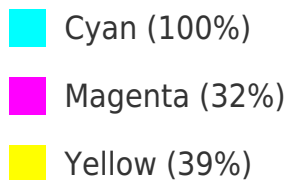
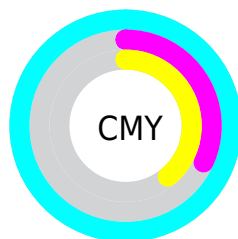
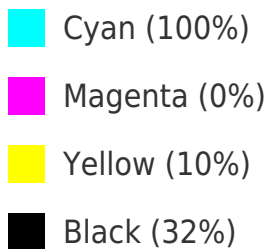
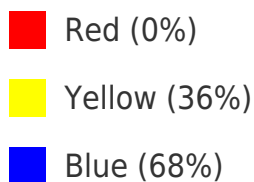
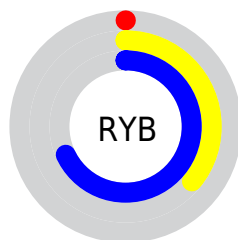
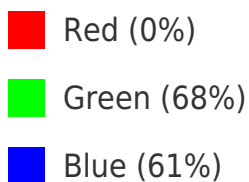
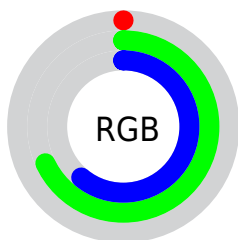
Format	Color
RYB	0, 91, 173
Decimal	44444
CIELab	63.58, -41.01, -1.83
CIELCh	64, 41.053, 182.553
Yxy	32.2886, 0.2332, 0.3595
Android (android.graphics.Color)	4278234524 (0xFF00AD9C)
YUV	119.3350, 18.0758, -104.6568
Hunter-Lab	56.8220, -33.6444, 1.6059

Details

The HunterLab color **56.8220, -33.6444, 1.6059** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.8757, 51.2945, 18.2528**, and the grayscale version is **43.0430, -2.2967, 2.3386**.

A 20% lighter version of the original color is **79.4510, -39.3514, 2.7678**, and **38.0169, -23.0219, 2.1798** is the 20% darker color. If you saturate the color by 10%, you get **56.8229, -33.6455, 1.6074**, and if you desaturate by 10%, it is **56.9813, -32.9083, 1.0171**.


Distribution




Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.8220, -33.6444, 1.6059 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 56.8220, -33.6444, 1.6059 by changing the saturation by 10% instead.


 56.8220, -33.6444,
1.6059


 56.8220, -33.6444,
1.6059


176.7574,
-57.1392, 7.4667


 46.4565, -30.5951,
1.1362


 79.5382, -39.3511,
2.6711


 36.8105, -27.3625,
0.7118


 91.8151, -42.0595,
3.2598


 27.9436, -23.8837,
0.3383


 104.6658,
-44.6949, 3.8832

 19.9314, -20.0587,
0.0225

 118.0656,
-47.2700, 4.5395

 12.8773, -16.6050,
-0.2258

 131.9931,
-49.7947, 5.2273

 6.2961, -11.0182,
-0.8613

 146.4288,

0.0000, NaN, NaN

-52.2769, 5.9452

0.0000, NaN, NaN

161.3554,
-54.7233, 6.6920

0.0000, NaN, NaN

■ 56.8220, -33.6444,
1.6059

■ 56.8220, -33.6444,
1.6059

■ 56.8229, -33.6455,
1.6074

■ 56.9813, -32.9083,
1.0171

■ 57.2329, -31.8007,
0.5404

■ 57.6134, -30.1886,
0.2244

■ 58.1368, -28.0282,
0.0897

■ 58.8133, -25.2976,
0.1504

■ 59.6501, -21.9928,
0.4152

■ 60.6512, -18.1255,
0.8872

■ 61.8183, -13.7204,
1.5652

■ 63.1511, -8.8120,
2.4436

Harmonies

Analogous

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



56.8231, -30.6054, 16.2730



56.8220, -33.6444, 1.6059



56.8231, -29.3663, -17.6299

Triad

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



56.8231, -33.6446, 1.6066



56.8231, 16.8151, -32.2485



56.8231, 13.8155, 25.2416

Complementary

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



56.8220, -33.6444, 1.6059



29.8757, 51.2945, 18.2528

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.



56.8231, 29.1826, 18.1111



56.8220, -33.6444, 1.6059



56.8231, 31.0604, -14.2730

Square

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



56.8231, -33.6446, 1.6066



56.8231, -1.4848, -40.6131



56.8231, 35.8433, 4.5404



56.8231, -4.5687, 27.1347

Rectangle

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



56.8220, -33.6444, 1.6059



56.8231, -22.5865, -29.7496



56.8231, 35.8433, 4.5404



56.8231, 19.5795, 23.5164

Sweetspot

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



56.8231, -33.6446, 1.6066



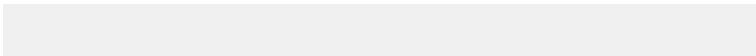
81.0884, -24.5533, 1.1463



54.7817, -46.4019, 32.9432



37.5373, -12.4622, 0.4017



93.2148, -4.9737, 5.0645



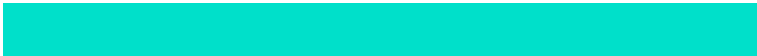
40.3295, -2.1519, 2.1912

Same Dimension

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



56.8231, -33.6446, 1.6066



76.0310, -45.0972, 2.3197



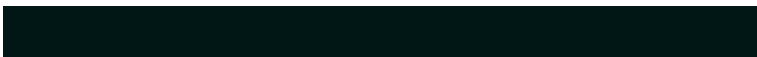
35.8887, -0.7598, -43.2153



30.0970, -4.0259, 1.1947



48.7079, -28.8086, 1.3089



8.1475, -4.6635, -0.1165

Inverse Universe

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



29.8757, 51.2945, 18.2528



39.9618, 68.5812, 24.6945



36.2868, 31.8097, 22.9156



28.3331, 1.0444, 2.0448



25.6138, 43.9968, 15.5256



4.3187, 7.5104, 1.9034

Previews

White Background



This preview shows how the HunterLab color 56.8220, -33.6444, 1.6059 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 56.8220, -33.6444, 1.6059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

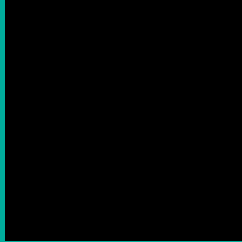
Any Text WCAG AA ✓ Pass

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 56.8220, -33.6444, 1.6059 Background



This preview shows how black text looks on a background with the HunterLab color 56.8220, -33.6444, 1.6059.



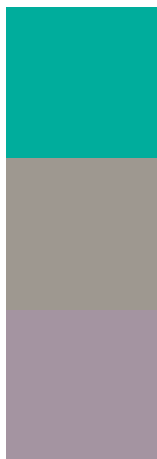
This preview shows how white text looks on a background with the HunterLab color 56.8220, -33.6444, 1.6059.

-33.6444, 1.6059.

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

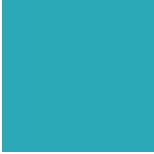
56.8220, -33.6444, 1.6059

Protanopia

56.3375, -2.3891, 6.9048

Deuteranopia

56.2544, 4.1496, -0.8014



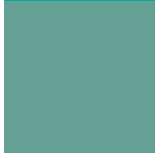
Tritanopia

56.8597, -24.8710, -12.1132

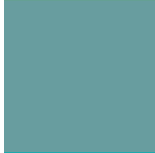
Trichromacy



Original Color
56.8220, -33.6444, 1.6059



Protanomaly
54.8146, -20.1064, 3.1201



Deuteranomaly
54.3693, -16.2733, -2.5523

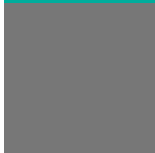


Tritanomaly
56.5804, -28.3595, -7.0603

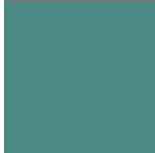
Monochromacy



Original Color
56.8220, -33.6444, 1.6059



Achromatopsia
42.9506, -2.2917, 2.3336



Achromatomaly
46.5486, -18.6553, 0.5513

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.8220, -33.6444, 1.6059 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, 173, 156)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 156)  
}
```

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, 173, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 156) }
```

Border

The CSS property to change the border of an element to HunterLab 56.8220, -33.6444, 1.6059 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, 173, 156) }
```


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

```
.border{ border-color:rgb(0, 173, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 173, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 156);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
156) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.8220, -33.6444, 1.6059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 173, 156) }
```

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

```
.background{ background-color: rgb(0, 173,  
156) }
```

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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