

Converting Colors

HunterLab(52.0449, -49.6578,
-5.8537)

Have a look what the booklet for
HunterLab(52.0449, -49.6578,
-5.8537) contains.

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Color

**HunterLab(56.2089,
-32.5202, -0.0545)**

Conversions

Conversions Part 1

Format	Color
Hex	00AB9E
RGB	0, 171, 158
RGB Percent	0%, 67%, 62%
CMY	0.9999, 0.3294, 0.3804
CMYK	1.00, 0.00, 0.08, 0.33
HSL	175°, 100%, 34%
HSV	175°, 100%, 67%
XYZ	20.7344, 31.5944, 37.3532
YIQ	118.3890, -97.7430, -40.2950

Conversions

Conversions Part 2

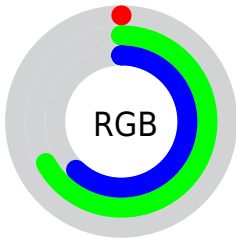
Format	Color
RYB	0, 89, 171
Decimal	43934
CIELab	63.01, -39.55, -3.79
CIELCh	63, 39.733, 185.473
Yxy	31.5956, 0.2312, 0.3523
Android (android.graphics.Color)	4278234014 (0xFF00AB9E)
YUV	118.3890, 19.5282, -103.8272
Hunter-Lab	56.2089, -32.5202, -0.0545

Details

The HunterLab color **56.2089, -32.5202, -0.0545** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.4752, 50.5712, 18.2801**, and the grayscale version is **42.6714, -2.2768, 2.3184**.

A 20% lighter version of the original color is **78.8512, -37.9347, 0.5895**, and **37.4412, -21.9841, 0.6591** is the 20% darker color. If you saturate the color by 10%, you get **56.2098, -32.5213, -0.0532**, and if you desaturate by 10%, it is **56.3567, -31.8538, -0.4835**.

Distribution



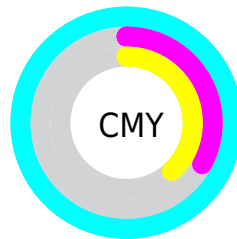
- Red (0%)
- Green (67%)
- Blue (62%)



- Red (0%)
- Yellow (35%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (8%)
- Black (33%)





- Cyan (100%)
- Magenta (33%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.2089, -32.5202, -0.0545 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 56.2089, -32.5202, -0.0545 by changing the saturation by 10% instead.


 56.2089, -32.5202,
-0.0545


 56.2089, -32.5202,
-0.0545


175.8616,
-55.4005, 5.0854


 45.8833, -29.5583,
-0.4239


 78.8521, -38.0672,
0.8262


 36.2803, -26.4196,
-0.7411


 91.0953, -40.7021,
1.3291


 27.4602, -23.0422,
-0.9990


 103.9138,
-43.2674, 1.8704

 19.4998, -19.3275,
-1.1887

 117.2827,
-45.7754, 2.4479

 12.5047, -16.1288,
-1.2969

 131.1804,
-48.2356, 3.0596

 5.7699, -10.0973,
-2.4083

 145.5875,

0.0000, NaN, NaN

-50.6559, 3.7041

0.0000, NaN, NaN

160.4864,
-53.0425, 4.3798

0.0000, NaN, NaN

■ 56.2089, -32.5202,
-0.0545

■ 56.2089, -32.5202,
-0.0545

■ 56.2098, -32.5213,
-0.0532

■ 56.3567, -31.8538,
-0.4835

■ 56.5950, -30.8251,
-0.7974

■ 56.9598, -29.3011,
-0.9479

■ 57.4654, -27.2386,
-0.9157

■ 58.1217, -24.6150,
-0.6879

■ 58.9358, -21.4255,
-0.2572

■ 59.9118, -17.6810,
0.3784

■ 61.0514, -13.4047,
1.2162

■ 62.3545, -8.6299,
2.2496

Harmonies

Analogous

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



56.2100, -30.2608, 14.7096



56.2089, -32.5202, -0.0545



56.2100, -27.6854, -18.6626

Triad

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



56.2100, -32.5204, -0.0538



56.2100, 17.7099, -29.4294



56.2100, 11.5367, 24.9600

Complementary

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



56.2089, -32.5202, -0.0545



29.4752, 50.5712, 18.2801

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.



56.2100, 26.8470, 18.5436



56.2089, -32.5202, -0.0545



56.2100, 30.7033, -11.7826

Square

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



56.2100, -32.5204, -0.0538



56.2100, 0.2169, -38.6152



56.2100, 34.2342, 6.0046



56.2100, -6.1505, 26.3789

Rectangle

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



56.2089, -32.5202, -0.0545



56.2100, -20.6984, -29.8908



56.2100, 34.2342, 6.0046



56.2100, 17.1962, 23.4371

Sweetspot

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



56.2100, -32.5204, -0.0538



80.0996, -23.9534, 0.4530



54.0577, -45.8998, 32.5058



37.5630, -12.3144, 0.0367



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.



56.2100, -32.5204, -0.0538



75.2128, -43.5779, 0.0627



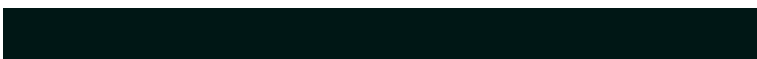
34.6544, 0.5759, -44.5555



30.1022, -3.9972, 1.1211



48.8067, -28.2148, -0.0965



8.1591, -4.5941, -0.2810

Inverse Universe

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



29.4752, 50.5712, 18.2801



39.4284, 67.6239, 24.6900



36.3299, 30.0970, 22.9120



28.3282, 1.0178, 2.1154



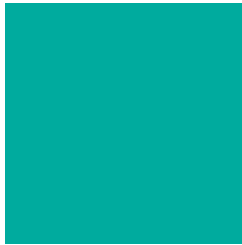
25.5969, 43.9339, 15.7771



4.3057, 7.4625, 2.0937

Previews

White Background



This preview shows how the HunterLab color 56.2089, -32.5202, -0.0545 looks on a white background.

Color Contrast Check

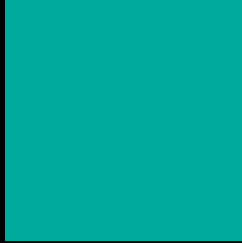
Large Text (above 18pt) WCAG AA × Fail

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 56.2089, -32.5202, -0.0545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

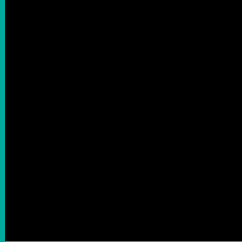
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

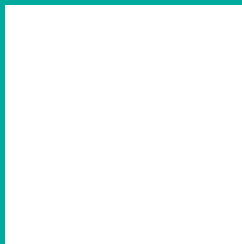
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.2089, -32.5202, -0.0545 Background



This preview shows how black text looks on a background with the HunterLab color 56.2089, -32.5202, -0.0545.



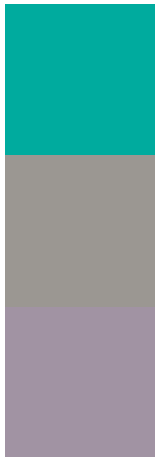
This preview shows how white text looks on a background with the HunterLab color 56.2089,

-32.5202, -0.0545.

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

56.2089, -32.5202, -0.0545

Protanopia

55.8365, -2.5361, 5.4857

Deuteranopia

55.7574, 4.0442, -2.4174



Tritanopia

56.4029, -25.1011, -11.6380

Trichromacy



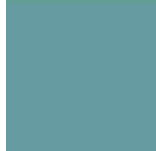
Original Color

56.2089, -32.5202, -0.0545



Protanomaly

54.1372, -19.3090, 1.4206



Deuteranomaly

54.0138, -15.8688, -4.0066



Tritanomaly

56.2252, -28.0520, -7.5357

Monochromacy



Original Color

56.2089, -32.5202, -0.0545



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

45.9136, -17.8305, -0.6755

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2089, -32.5202, -0.0545 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, 171, 158)` looks like.

```
.text, #text, p{  
    color:rgb(0, 171, 158)  
}
```

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, 171, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 171, 158) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2089, -32.5202, -0.0545 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, 171, 158) }
```


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

```
.border{ border-color:rgb(0, 171, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 171, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 171, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 171, 158);  
box-shadow:4px 4px 4px 4px rgb(0, 171,  
158) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2089, -32.5202, -0.0545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 171, 158) }
```

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

```
.background{ background-color: rgb(0, 171,  
158) }
```

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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