

Converting Colors

HunterLab(53.6792, -44.5012,
0.7715)

Have a look what the booklet for
HunterLab(53.6792, -44.5012,
0.7715) contains.

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Color

**HunterLab(56.2805,
-34.4962, 4.1217)**

Conversions

Conversions Part 1

Format	Color
Hex	00AC95
RGB	0, 172, 149
RGB Percent	0%, 67%, 58%
CMY	0.9999, 0.3255, 0.4157
CMYK	1.00, 0.00, 0.13, 0.33
HSL	172°, 100%, 34%
HSV	172°, 100%, 67%
XYZ	20.1773, 31.6749, 33.4841
YIQ	117.9500, -95.1290, -43.6170

Conversions

Conversions Part 2

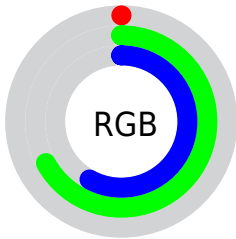
Format	Color
RYB	0, 92, 172
Decimal	44181
CIELab	63.07, -42.56, 1.34
CIELCh	63, 42.583, 178.200
Yxy	31.6762, 0.2364, 0.3712
Android (android.graphics.Color)	4278234261 (0xFF00AC95)
YUV	117.9500, 15.3076, -103.4421
Hunter-Lab	56.2805, -34.4962, 4.1217

Details

The HunterLab color **56.2805, -34.4962, 4.1217** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.7211, 51.1023, 17.5889**, and the grayscale version is **42.5165, -2.2686, 2.3100**.

A 20% lighter version of the original color is **78.8532, -40.3394, 5.4003**, and **37.5173, -23.7798, 4.4405** is the 20% darker color. If you saturate the color by 10%, you get **56.2814, -34.4975, 4.1234**, and if you desaturate by 10%, it is **56.4548, -33.6667, 3.3142**.

Distribution



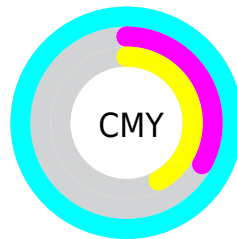
- Red (0%)
- Green (67%)
- Blue (58%)



- Red (0%)
- Yellow (36%)
- Blue (67%)



- Cyan (100%)
- Magenta (0%)
- Yellow (13%)
- Black (33%)



- Cyan (100%)
- Magenta (33%)
- Yellow (42%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.2805, -34.4962, 4.1217 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 56.2805, -34.4962, 4.1217 by changing the saturation by 10% instead.

56.2805, -34.4962,
4.1217

56.2805, -34.4962,
4.1217

175.9663,
-58.7098, 11.1346

45.9503, -31.3357,
3.4894

78.9323, -40.3982,
5.4840

36.3422, -27.9794,
2.8903

91.1794, -43.1940,
6.2100

27.5166, -24.3600,
2.3269

104.0016,
-45.9115, 6.9646

19.5502, -20.3707,
1.8010

117.3742,
-48.5642, 7.7469

12.5481, -17.1693,
1.3142

131.2754,
-51.1627, 8.5558

5.8339, -10.2094,
1.2678

145.6858,

0.0000, NaN, NaN

-53.7153, 9.3905

0.0000, NaN, NaN

160.5880,
-56.2291, 10.2504

0.0000, NaN, NaN

■ 56.2805, -34.4962,
4.1217

■ 56.2805, -34.4962,
4.1217

■ 56.2814, -34.4975,
4.1234

■ 56.4548, -33.6667,
3.3142

■ 56.7214, -32.4639,
2.6082

■ 57.1167, -30.7551,
2.0522

■ 57.6545, -28.4983,
1.6679

■ 58.3450, -25.6730,
1.4709

■ 59.1948, -22.2768,
1.4717

■ 60.2080, -18.3229,
1.6755

■ 61.3860, -13.8373,
2.0828

■ 62.7284, -8.8554,
2.6903

Harmonies

Analogous

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



56.2816, -30.3075, 18.2130



56.2805, -34.4962, 4.1217



56.2816, -31.2016, -15.5160

Triad

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



56.2816, -34.4964, 4.1223



56.2816, 14.9243, -35.9573



56.2816, 17.1219, 24.9971

Complementary

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



56.2805, -34.4962, 4.1217



29.7211, 51.1023, 17.5889

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.



56.2816, 32.1351, 16.8940



56.2805, -34.4962, 4.1217



56.2816, 30.7549, -17.9913

Square

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



56.2816, -34.4964, 4.1223



56.2816, -4.1257, -42.6933



56.2816, 37.4181, 1.9838



56.2816, -1.8776, 27.5742

Rectangle

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



56.2805, -34.4962, 4.1217



56.2816, -24.9292, -28.6845



56.2816, 37.4181, 1.9838



56.2816, 22.8899, 22.9926

Sweetspot

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



56.2816, -34.4964, 4.1223



81.0120, -24.9914, 2.2343



54.5191, -45.7257, 32.7932



37.4969, -12.6950, 0.9769



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.



56.2816, -34.4964, 4.1223



75.7886, -46.5590, 5.7785



38.1120, -4.7785, -37.3189



30.0888, -4.0715, 1.3115



48.5563, -29.7224, 3.4710



8.1295, -4.7717, 0.1396

Inverse Universe

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



29.7211, 51.1023, 17.5889



40.0064, 68.7466, 24.0337



34.6777, 35.2676, 21.9845



28.3410, 1.0870, 1.9319



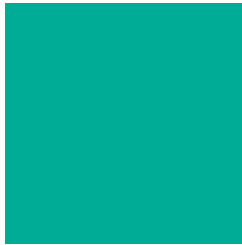
25.6471, 44.1201, 15.0329



4.3393, 7.5862, 1.6023

Previews

White Background



This preview shows how the HunterLab color 56.2805, -34.4962, 4.1217 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 56.2805, -34.4962, 4.1217 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

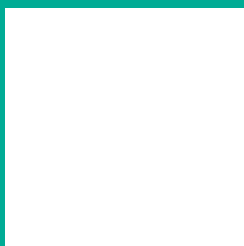
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.2805, -34.4962, 4.1217 Background



This preview shows how black text looks on a background with the HunterLab color 56.2805, -34.4962, 4.1217.



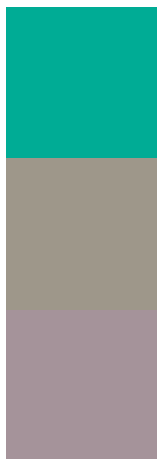
This preview shows how white text looks on a background with the HunterLab color 56.2805,

-34.4962, 4.1217.

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

56.2805, -34.4962, 4.1217

Protanopia

55.8903, -2.7792, 8.8834

Deuteranopia

55.8568, 3.8201, 2.0347



Tritanopia

56.1943, -24.2279, -11.9219

Trichromacy



Original Color

56.2805, -34.4962, 4.1217



Protanomaly

54.3286, -20.6654, 5.1870



Deuteranomaly

53.8954, -16.8777, 0.2355



Tritanomaly

56.1396, -28.6598, -5.5513

Monochromacy



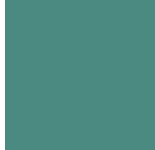
Original Color

56.2805, -34.4962, 4.1217



Achromatopsia

42.5634, -2.2711, 2.3126



Achromatomaly

46.1062, -18.9254, 1.3715

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.2805, -34.4962, 4.1217 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, 172, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 172, 149)  
}
```

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, 172, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 172, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 56.2805, -34.4962, 4.1217 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, 172, 149) }
```


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

```
.border{ border-color:rgb(0, 172, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 172, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 172, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 172, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 172,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.2805, -34.4962, 4.1217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 172, 149) }
```

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

```
.background{ background-color: rgb(0, 172,  
149) }
```

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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