

Converting Colors

HunterLab(50.3858, -61.7891,
-3.2867)

Have a look what the booklet for
HunterLab(50.3858, -61.7891,
-3.2867) contains.

HunterLab(56.6190, -34.8687, 4.5027)	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(56.6190,
-34.8687, 4.5027)**

Conversions

Conversions Part 1

Format	Color
Hex	00AD95
RGB	0, 173, 149
RGB Percent	0%, 68%, 58%
CMY	0.9999, 0.3216, 0.4157
CMYK	1.00, 0.00, 0.14, 0.32
HSL	172°, 100%, 34%
HSV	172°, 100%, 68%
XYZ	20.3684, 32.0571, 33.5480
YIQ	118.5370, -95.4040, -44.1400

Conversions

Conversions Part 2

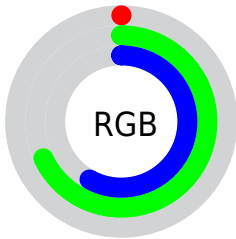
Format	Color
RYB	0, 93, 173
Decimal	44437
CIELab	63.39, -42.99, 1.80
CIELCh	63, 43.026, 177.605
Yxy	32.0583, 0.2369, 0.3729
Android (android.graphics.Color)	4278234517 (0xFF00AD95)
YUV	118.5370, 15.0183, -103.9569
Hunter-Lab	56.6190, -34.8687, 4.5027

Details

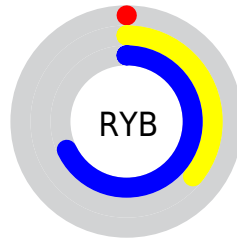
The HunterLab color **56.6190, -34.8687, 4.5027** is a dark color, and the websafe version is hex **009999**. A complement of this color would be **29.9184, 51.4526, 17.6212**, and the grayscale version is **42.7448, -2.2808, 2.3224**.

A 20% lighter version of the original color is **79.2023, -40.7590, 5.7953**, and **37.8349, -24.1226, 4.7834** is the 20% darker color. If you saturate the color by 10%, you get **56.6199, -34.8700, 4.5045**, and if you desaturate by 10%, it is **56.7960, -34.0230, 3.6590**.

Distribution



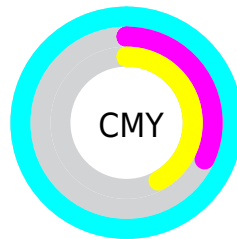
- Red (0%)
- Green (68%)
- Blue (58%)



- Red (0%)
- Yellow (36%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (14%)
- Black (32%)





- Cyan (100%)
- Magenta (32%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 56.6190, -34.8687, 4.5027 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 56.6190, -34.8687, 4.5027 by changing the saturation by 10% instead.


 56.6190, -34.8687,
4.5027


 56.6190, -34.8687,
4.5027


176.4610,
-59.2529, 11.6960


 46.2667, -31.6852,
3.8447


 79.3111, -40.8138,
5.9117


 36.6349, -28.3049,
3.2180


 91.5769, -43.6298,
6.6592


 27.7834, -24.6606,
2.6245


 104.4169,
-46.3668, 7.4344

 19.7884, -20.6459,
2.0650

 117.8066,
-49.0383, 8.2363

 12.7537, -17.2856,
1.5398

 131.7242,
-51.6548, 9.0642

 6.1271, -10.7224,
1.5497

 146.1504,

0.0000, NaN, NaN

-54.2250, 9.9172

0.0000, NaN, NaN

161.0679,
-56.7558, 10.7947

0.0000, NaN, NaN

■ 56.6190, -34.8687,
4.5027

■ 56.6190, -34.8687,
4.5027

■ 56.6199, -34.8700,
4.5045

■ 56.7960, -34.0230,
3.6590

■ 57.0662, -32.8001,
2.9160

■ 57.4660, -31.0668,
2.3226

■ 58.0096, -28.7810,
1.9006

■ 58.7069, -25.9220,
1.6662

■ 59.5648, -22.4879,
1.6301

■ 60.5873, -18.4919,
1.7978

■ 61.7759, -13.9605,
2.1704

■ 63.1301, -8.9295,
2.7445

Harmonies

Analogous

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



56.6201, -30.4860, 18.6131



56.6190, -34.8687, 4.5027



56.6201, -31.6884, -15.3291

Triad

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



56.6201, -34.8689, 4.5033



56.6201, 14.7630, -36.7604



56.6201, 17.7250, 25.1450

Complementary

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



56.6190, -34.8687, 4.5027



29.9184, 51.4526, 17.6212

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.



56.6201, 32.7952, 16.8404



56.6190, -34.8687, 4.5027



56.6201, 30.9340, -18.6686

Square

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



56.6201, -34.8689, 4.5033



56.6201, -4.5302, -43.3038



56.6201, 37.9163, 1.6228



56.6201, -1.5022, 27.8368

Rectangle

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



56.6190, -34.8687, 4.5027



56.6201, -25.4417, -28.7398



56.6201, 37.9163, 1.6228



56.6201, 23.5354, 23.0855

Sweetspot

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



56.6201, -34.8689, 4.5033



81.0013, -25.0528, 2.3869



54.8703, -46.0242, 33.0044



37.4912, -12.7276, 1.0575



93.2148, -4.9737, 5.0645



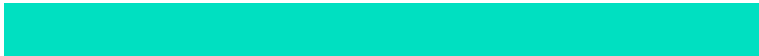
40.3295, -2.1519, 2.1912

Same Dimension

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



56.6201, -34.8689, 4.5033



75.7553, -46.7601, 6.2540



38.3503, -4.7972, -37.5766



30.0877, -4.0779, 1.3280



48.5355, -29.8482, 3.7685



8.1270, -4.7868, 0.1752

Inverse Universe

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



29.9184, 51.4526, 17.6212



40.0137, 68.7736, 23.9255



34.8940, 35.5158, 22.1222



28.3422, 1.0930, 1.9159



25.6525, 44.1399, 14.9539



4.3422, 7.5969, 1.5601

Previews

White Background



This preview shows how the HunterLab color 56.6190, -34.8687, 4.5027 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 56.6190, -34.8687, 4.5027 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

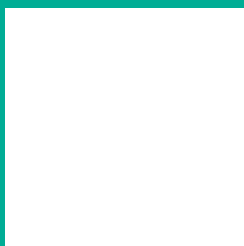
Any Text WCAG AAA ✓ Pass

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

HunterLab 56.6190, -34.8687, 4.5027 Background



This preview shows how black text looks on a background with the HunterLab color 56.6190, -34.8687, 4.5027.



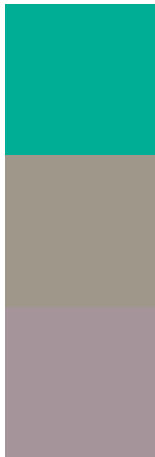
This preview shows how white text looks on a background with the HunterLab color 56.6190,

-34.8687, 4.5027.

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

56.6190, -34.8687, 4.5027

Protanopia

56.2693, -2.9432, 9.2858

Deuteranopia

56.2613, 3.8056, 2.0549



Tritanopia

56.5571, -24.4326, -11.9720

Trichromacy



Original Color

56.6190, -34.8687, 4.5027



Protanomaly

54.6455, -21.0875, 5.5369



Deuteranomaly

54.2937, -16.9296, 0.2488



Tritanomaly

56.5046, -28.8605, -5.5922

Monochromacy



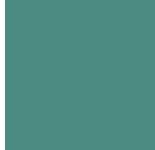
Original Color

56.6190, -34.8687, 4.5027



Achromatopsia

42.9506, -2.2917, 2.3336



Achromatomaly

46.4903, -18.9951, 1.3809

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 56.6190, -34.8687, 4.5027 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, 149)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 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, 173, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 149) }
```

Border

The CSS property to change the border of an element to HunterLab 56.6190, -34.8687, 4.5027 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, 149) }
```


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

```
.border{ border-color:rgb(0, 173, 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, 173, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 149);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
149) }
```

Background

The CSS property to change the background color of an element to HunterLab 56.6190, -34.8687, 4.5027 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, 149) }
```

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

```
.background{ background-color: rgb(0, 173,  
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](#).

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