

# Converting Colors

HunterLab(56.6714, -35.5200,  
5.8431)

Have a look what the booklet for  
HunterLab(56.6714, -35.5200,  
5.8431) contains.

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# Color

**HunterLab(56.5354,  
-35.3742, 5.6984)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00AD92
RGB	0, 173, 146
RGB Percent	0%, 68%, 57%
CMY	0.9999, 0.3216, 0.4274
CMYK	1.00, 0.00, 0.16, 0.32
HSL	171°, 100%, 34%
HSV	171°, 100%, 68%
XYZ	20.1319, 31.9625, 32.3025
YIQ	118.1950, -94.4410, -45.0730

# Conversions

## Conversions Part 2

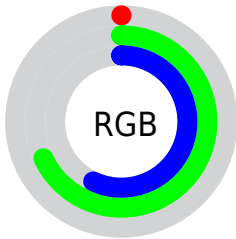
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 94, 173
Decimal	44434
CIELab	63.31, -43.81, 3.36
CIELCh	63, 43.942, 175.620
Yxy	31.9637, 0.2385, 0.3787
Android (android.graphics.Color)	4278234514 (0xFF00AD92)
YUV	118.1950, 13.7079, -103.6570
Hunter-Lab	56.5354, -35.3742, 5.6984

# Details

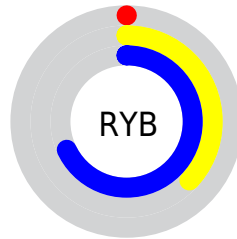
The HunterLab color **56.5354, -35.3742, 5.6984** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **29.9404, 51.5344, 17.2952**, and the grayscale version is **42.6169, -2.2739, 2.3155**.

A 20% lighter version of the original color is **79.1129, -41.2908, 7.0743**, and **37.7855, -24.4219, 5.4913** is the 20% darker color. If you saturate the color by 10%, you get **56.5363, -35.3755, 5.7002**, and if you desaturate by 10%, it is **56.7193, -34.4853, 4.7542**.

# Distribution



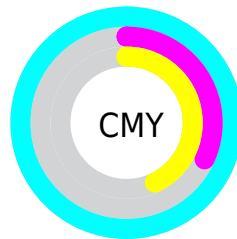
- Red (0%)
- Green (68%)
- Blue (57%)



- Red (0%)
- Yellow (37%)
- Blue (68%)



- Cyan (100%)
- Magenta (0%)
- Yellow (16%)
- Black (32%)




- Cyan (100%)
- Magenta (32%)
- Yellow (43%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.5354, -35.3742, 5.6984 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 56.5354, -35.3742, 5.6984 by changing the saturation by 10% instead.





 56.5354, -35.3742,  
5.6984


 56.5354, -35.3742,  
5.6984


176.3389,  
-60.1319, 13.4795

 46.1885, -32.1343,  
4.9562


 79.2176, -41.4194,  
7.2602


 36.5626, -28.6918,  
4.2384


 91.4787, -44.2807,  
8.0781


 27.7175, -24.9779,  
3.5449


 104.3144,  
-47.0604, 8.9203

 19.7295, -20.8834,  
2.8736

 117.6998,  
-49.7723, 9.7863

 12.7029, -17.5753,  
2.2189

 131.6134,  
-52.4274, 10.6757

 6.0561, -10.5981,  
2.6265

 146.0357,

0.0000, NaN, NaN

-55.0344, 11.5880

0.0000, NaN, NaN

160.9494,  
-57.6006, 12.5228

0.0000, NaN, NaN

■ 56.5354, -35.3742,  
5.6984

■ 56.5354, -35.3742,  
5.6984

■ 56.5363, -35.3755,  
5.7002

■ 56.7193, -34.4853,  
4.7542

■ 56.9969, -33.2163,  
3.9051

■ 57.4045, -31.4341,  
3.1996

■ 57.9562, -29.0971,  
2.6605

■ 58.6620, -26.1853,  
2.3046

■ 59.5287, -22.6975,  
2.1436

■ 60.5601, -18.6477,  
2.1841

■ 61.7578, -14.0630,  
2.4280

■ 63.1210, -8.9801,  
2.8729

# Harmonies

## Analogous

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



56.5365, -30.4220, 19.5585



56.5354, -35.3742, 5.6984



56.5365, -32.6545, -14.3487

# Triad

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



56.5365, -35.3745, 5.6990



56.5365, 13.8792, -38.7285



56.5365, 19.4188, 25.0957

# Complementary

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



56.5354, -35.3742, 5.6984



29.9404, 51.5344, 17.2952

# 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.



56.5365, 34.3458, 16.2755



56.5354, -35.3742, 5.6984



56.5365, 30.8593, -20.6139

# Square

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



56.5365, -35.3745, 5.6990



56.5365, -5.8167, -44.4459



56.5365, 38.7881, 0.3240



56.5365, -0.1672, 28.1198



# Rectangle

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



56.5354, -35.3742, 5.6984



56.5365, -26.6331, -28.2878



56.5365, 38.7881, 0.3240



56.5365, 25.2451, 22.8915

# Sweetspot

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



56.5365, -35.3745, 5.6990



80.9643, -25.2647, 2.9131



54.9066, -45.8695, 33.0295



37.4717, -12.8401, 1.3352



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.



56.5365, -35.3745, 5.6990



75.6419, -47.4460, 7.8766



39.1881, -6.1162, -35.7767



30.0837, -4.1001, 1.3850



48.4644, -30.2775, 4.7842



8.1184, -4.8384, 0.2973



# Inverse Universe

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



29.9404, 51.5344, 17.2952



40.0410, 68.8749, 23.5211



34.4656, 36.6967, 21.8789



28.3460, 1.1139, 1.8605



25.6722, 44.2131, 14.6617

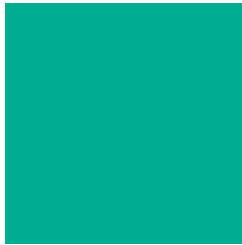


4.3522, 7.6337, 1.4141



# Previews

## White Background



This preview shows how the HunterLab color 56.5354, -35.3742, 5.6984 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 56.5354, -35.3742, 5.6984 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

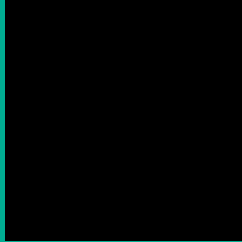
Any Text WCAG AA ✓ Pass

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 56.5354, -35.3742, 5.6984 Background



This preview shows how black text looks on a background with the HunterLab color 56.5354, -35.3742, 5.6984.



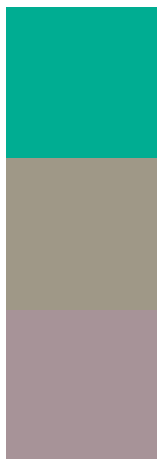
This preview shows how white text looks on a background with the HunterLab color 56.5354,

-35.3742, 5.6984.

# 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

56.5354, -35.3742, 5.6984

### Protanopia

56.1931, -3.3609, 10.3822

### Deuteranopia

55.9910, 4.1519, 3.1181



## Tritanopia

56.6000, -24.2669, -11.9074

# Trichromacy



## Original Color

56.5354, -35.3742, 5.6984



## Protanomaly

54.5641, -21.5610, 6.7030



## Deuteranomaly

53.8917, -17.0124, 1.1655



## Tritanomaly

56.4848, -29.0054, -5.1024

# Monochromacy



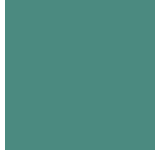
## Original Color

56.5354, -35.3742, 5.6984



## Achromatopsia

42.5634, -2.2711, 2.3126



## Achromatomaly

46.0775, -19.0930, 1.7804

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.5354, -35.3742, 5.6984 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, 146)` looks like.

```
.text, #text, p{  
    color:rgb(0, 173, 146)  
}
```

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, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 173, 146) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.5354, -35.3742, 5.6984 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, 146) }
```



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

```
.border{ border-color:rgb(0, 173, 146) }
```

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, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 173, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 173, 146);  
box-shadow:4px 4px 4px 4px rgb(0, 173,  
146) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.5354, -35.3742, 5.6984 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, 146) }
```

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

```
.background{ background-color: rgb(0, 173,  
146) }
```

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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