

# Converting Colors

HunterLab(56.5897, -42.3881,  
20.7730)

Have a look what the booklet for  
HunterLab(56.5897, -42.3881,  
20.7730) contains.

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# Color

**HunterLab(56.5950,  
-42.3530, 20.6891)**

# Conversions

## Conversions Part 1

Format	Color
Hex	00B067
RGB	0, 176, 103
RGB Percent	0%, 69%, 40%
CMY	1.0000, 0.3098, 0.5961
CMYK	1.00, 0.00, 0.41, 0.31
HSL	155°, 100%, 35%
HSV	155°, 100%, 69%
XYZ	17.9735, 32.0299, 18.0671
YIQ	115.0540, -81.4630, -60.0150

# Conversions

## Conversions Part 2

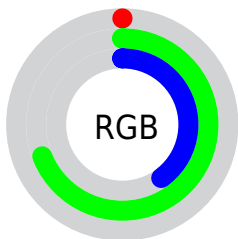
<b>Format</b>	<b>Color</b>
<b>RYB</b>	0, 111, 176
Decimal	45159
CIELab	63.37, -55.11, 26.94
CIELCh	63, 61.343, 153.950
Yxy	32.0312, 0.2640, 0.4705
Android (android.graphics.Color)	4278235239 (0xFF00B067)
YUV	115.0540, -5.9426, -100.9024
Hunter-Lab	56.5950, -42.3530, 20.6891

# Details

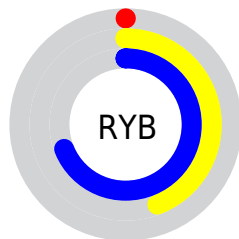
The HunterLab color **56.5950, -42.3530, 20.6891** is a dark color, and the websafe version is hex **009966**. A complement of this color would be **31.1638, 54.9113, 8.1686**, and the grayscale version is **41.4728, -2.2129, 2.2533**.

A 20% lighter version of the original color is **79.3546, -49.8630, 24.8555**, and **37.6761, -29.6936, 17.0081** is the 20% darker color. If you saturate the color by 10%, you get **56.5960, -42.3542, 20.6905**, and if you desaturate by 10%, it is **56.8411, -41.0645, 18.8287**.

# Distribution



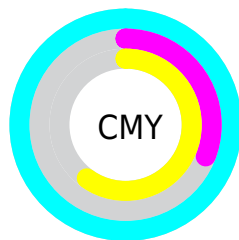
- Red (0%)
- Green (69%)
- Blue (40%)



- Red (0%)
- Yellow (44%)
- Blue (69%)



- Cyan (100%)
- Magenta (0%)
- Yellow (41%)
- Black (31%)




- Cyan (100%)
- Magenta (31%)
- Yellow (60%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 56.5950, -42.3530, 20.6891 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 56.5950, -42.3530, 20.6891 by changing the saturation by 10% instead.





 56.5950, -42.3530,  
20.6891


 56.5950, -42.3530,  
20.6891


176.4260,  
-72.2227, 38.3060

 46.2443, -38.3480,  
18.4874


 79.2843, -49.7636,  
24.8623

 36.6142, -34.0670,  
16.1746


 91.5488, -53.2430,  
26.8667


 27.7645, -29.4212,  
13.7116


 104.3875,  
-56.6067, 28.8319

 19.7715, -24.2732,  
11.0408

 117.7760,  
-59.8732, 30.7662

 12.7391, -21.4340,  
8.9174

 131.6924,  
-63.0573, 32.6761

 6.1068, -10.6870,  
4.2748

 146.1175,

0.0000, NaN, NaN

-66.1707, 34.5667

0.0000, NaN, NaN

161.0340,  
-69.2232, 36.4422

0.0000, NaN, NaN

■ 56.5950, -42.3530,  
20.6891

■ 56.5950, -42.3530,  
20.6891

■ 56.5960, -42.3542,  
20.6905

■ 56.8411, -41.0645,  
18.8287

■ 57.1939, -39.3159,  
16.9146

■ 57.6904, -36.9731,  
14.9945

■ 58.3445, -33.9994,  
13.0984

■ 59.1658, -30.3834,  
11.2543

■ 60.1604, -26.1345,  
9.4876

■ 61.3311, -21.2791,  
7.8204

■ 62.6783, -15.8569,  
6.2711

■ 64.2000, -9.9165,  
4.8540

# Harmonies

## Analogous

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



56.5961, -29.0768, 30.5618



56.5950, -42.3530, 20.6891



56.5961, -45.8841, -0.4097

# Triad

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



56.5961, -42.3535, 20.6895



56.5961, 0.5794, -71.1270



56.5961, 46.5128, 24.2248

# Complementary

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



56.5950, -42.3530, 20.6891



31.1638, 54.9113, 8.1686

# 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.



56.5961, 58.2738, 6.3620



56.5950, -42.3530, 20.6891



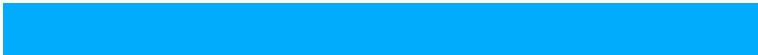
56.5961, 28.8083, -54.7131

# Square

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



56.5961, -42.3535, 20.6895



56.5961, -23.9668, -61.2276



56.5961, 51.2588, -23.0239



56.5961, 21.4934, 31.8328



# Rectangle

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



56.5950, -42.3530, 20.6891



56.5961, -42.9147, -20.7150



56.5961, 51.2588, -23.0239



56.5961, 52.3399, 19.6172

# Sweetspot

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



56.5961, -42.3535, 20.6895



82.5050, -29.0233, 10.6471



56.9927, -42.4236, 34.3756



38.0957, -14.7990, 5.3794



94.3401, -5.0338, 5.1257



41.3092, -2.2042, 2.2444



# Same Dimension

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



56.5961, -42.3535, 20.6895



76.1876, -57.2256, 28.3058



53.6120, -25.0981, -12.8301



30.9366, -4.5727, 2.2923



48.4900, -36.2033, 17.5443



8.6666, -6.0200, 2.1629



# Inverse Universe

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



31.1638, 54.9113, 8.1686



41.9168, 73.7633, 11.7407



30.9242, 50.1948, 19.9335



29.2605, 1.4870, 1.0496



26.7140, 47.1114, 6.6973



4.8609, 8.8015, -0.5578



# Previews

## White Background



This preview shows how the HunterLab color 56.5950, -42.3530, 20.6891 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 56.5950, -42.3530, 20.6891 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 56.5950, -42.3530, 20.6891 Background



This preview shows how black text looks on a background with the HunterLab color 56.5950, -42.3530, 20.6891.



This preview shows how white text looks on a background with the HunterLab color 56.5950,

-42.3530, 20.6891.

# 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

56.5950, -42.3530, 20.6891

### Protanopia

56.0104, -5.6790, 23.2042

### Deuteranopia

56.1314, 4.0065, 19.0761



## Tritanopia

56.5886, -22.7855, -10.7706

# Trichromacy



## Original Color

56.5950, -42.3530, 20.6891



## Protanomaly

54.2374, -26.3082, 20.5975



## Deuteranomaly

53.6846, -21.5265, 17.3410



## Tritanomaly

56.1141, -31.5360, 2.6381

# Monochromacy



## Original Color

56.5950, -42.3530, 20.6891



## Achromatopsia

41.4054, -2.2093, 2.2496



## Achromatomaly

45.2277, -21.6746, 7.7748

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 56.5950, -42.3530, 20.6891 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, 176, 103)` looks like.

```
.text, #text, p{  
  color:rgb(0, 176, 103)  
}
```

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, 176, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(0, 176, 103) }
```

## Border

The CSS property to change the border of an element to HunterLab 56.5950, -42.3530, 20.6891 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, 176, 103) }
```



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

```
.border{ border-color:rgb(0, 176, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(0, 176, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(0, 176, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(0, 176, 103);  
box-shadow:4px 4px 4px 4px rgb(0, 176,  
103) }
```

# Background

The CSS property to change the background color of an element to HunterLab 56.5950, -42.3530, 20.6891 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(0, 176, 103) }
```

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

```
.background{ background-color: rgb(0, 176,  
103) }
```

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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