

# Converting Colors

HunterLab(55.8505, 17.1963,  
34.7170)

Have a look what the booklet for  
HunterLab(55.8505, 17.1963,  
34.7170) contains.

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# Color

**HunterLab(55.8537, 17.1970,  
34.7178)**

# Conversions

Conversions Part 1	
Format	Color
Hex	D58600
RGB	213, 134, 0
RGB Percent	84%, 53%, 0%
CMY	0.1647, 0.4745, 1.0000
CMYK	0.00, 0.37, 1.00, 0.16
HSL	38°, 100%, 42%
HSV	38°, 100%, 84%
XYZ	35.9657, 31.1964, 4.1259
YIQ	142.3450, 90.0980, -24.9260

# Conversions

## Conversions Part 2

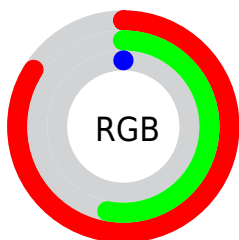
Format	Color
<a href="#">RYB</a>	<a href="#">126, 213, 0</a>
Decimal	<a href="#">13993472</a>
CIELab	<a href="#">62.67, 22.54, 68.47</a>
CIELCh	<a href="#">63, 72.080, 71.780</a>
Yxy	<a href="#">31.1980, 0.5045, 0.4376</a>
Android (android.graphics.Color)	<a href="#">4292183552</a> (0xFFD58600)
YUV	<a href="#">142.3450, -70.1761, 61.9644</a>
Hunter-Lab	<a href="#">55.8537, 17.1970, 34.7178</a>

# Details

The HunterLab color **55.8537, 17.1970, 34.7178** is a dark color, and the websafe version is hex **FF9933**. The color can be described as dark washed orange. A complement of this color would be **32.2441, 25.5409, -95.4365**, and the grayscale version is **52.3956, -2.7957, 2.8468**.

A 20% lighter version of the original color is **75.6674, 9.4708, 42.1207**, and **36.0778, 16.6161, 22.5218** is the 20% darker color. If you saturate the color by 10%, you get **55.8540, 17.1957, 34.7180**, and if you desaturate by 10%, it is **57.8959, 13.4902, 35.1692**.

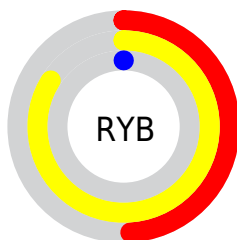
# Distribution



Red (84%)

Green (53%)

Blue (0%)



Red (49%)

Yellow (84%)

Blue (0%)

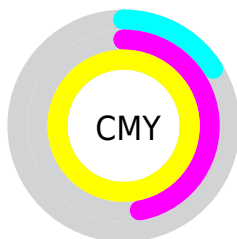


Cyan (0%)

Magenta (37%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (47%)


Yellow (100%)


# Brightness & Saturation Gradients

These gradients show how the HunterLab color 55.8537, 17.1970, 34.7178 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 55.8537, 17.1970, 34.7178 by changing the saturation by 10% instead.





 55.8537, 17.1970,  
34.7178


 55.8537, 17.1970,  
34.7178


175.3423, 19.1655,  
72.1469


 45.5518, 16.5971,  
29.6800

 78.4549, 18.1098,  
44.1112


 35.9738, 15.8920,  
24.5928


 90.6784, 18.4477,  
48.5148


 27.1809, 15.0627,  
19.0266


 103.4781, 18.7151,  
52.7554

 19.2508, 14.0901,  
13.4756

 116.8292, 18.9176,  
56.8539

 12.2901, 12.9561,  
8.6031

 130.7096, 19.0601,  
60.8281

 5.4413, 17.7576,  
3.8089

 145.1000, 19.1467,

0.0000, NaN, NaN

64.6933

0.0000, NaN, NaN

159.9828, 19.1808,  
68.4625

0.0000, NaN, NaN

55.8537, 17.1970,  
34.7178

55.8537, 17.1970,  
34.7178

55.8540, 17.1957,  
34.7180

57.8959, 13.4902,  
35.1692

60.0569, 10.0565,  
34.9632

62.3447, 6.9675,  
33.9382

64.7568, 4.2474,  
32.0680

67.2893, 1.9059,  
29.3588

■ 69.9372, -0.0576,  
25.8361

■ 72.6951, -1.6511,  
21.5369

■ 75.5574, -2.8872,  
16.5049

■ 78.5184, -3.7818,  
10.7863

# Harmonies

## Analogous

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



55.8552, 49.5971, 29.3798



55.8537, 17.1970, 34.7178



55.8552, -14.7920, 35.1156

# Triad

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



55.8552, 17.1937, 34.7183



55.8552, -50.6825, -10.0139



55.8552, 43.2481, -59.0539

# Complementary

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



55.8537, 17.1970, 34.7178



32.2441, 25.5409, -95.4365

# 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.



55.8552, 9.8961, -87.5790



55.8537, 17.1970, 34.7178



55.8552, -41.2791, -50.4181

# Square

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



55.8552, 17.1937, 34.7183



55.8552, -49.5720, 18.1925



55.8552, -20.6490, -83.7556



55.8552, 66.7819, -18.0840



# Rectangle

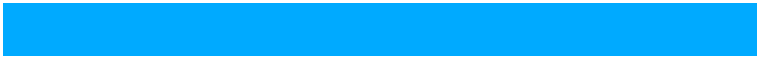
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



55.8537, 17.1970, 34.7178



55.8552, -31.3779, 33.1554



55.8552, -20.6490, -83.7556



55.8552, 32.5363, -71.2204

# Sweetspot

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



55.8552, 17.1937, 34.7183



89.0108, -1.9695, 26.5821



38.4061, 67.3425, 12.6266



40.5075, -0.5487, 13.3834

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



55.8552, 17.1937, 34.7183



68.2271, 21.5791, 42.4190



76.3536, -29.4219, 46.5334



37.0266, -1.7988, 4.9127



43.8838, 12.9757, 27.2682



11.4787, 1.8263, 7.1051



# Inverse Universe

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



32.2441, 25.5409, -95.4365



39.1510, 32.2639, -118.5838



22.3813, 59.7897, -151.9230



35.7150, -1.9462, -1.1641



25.5541, 19.0841, -73.1375

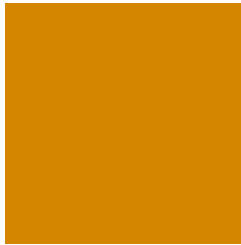


7.4154, 2.1625, -13.9368



# Previews

## White Background



This preview shows how the HunterLab color 55.8537, 17.1970, 34.7178 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

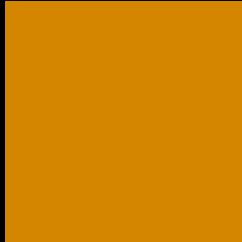
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the HunterLab color 55.8537, 17.1970, 34.7178 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 55.8537, 17.1970, 34.7178 Background



This preview shows how black text looks on a background with the HunterLab color 55.8537, 17.1970, 34.7178.



This preview shows how white text looks on a background with the HunterLab color 55.8537, 17.1970,



# 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

55.8537, 17.1970, 34.7178

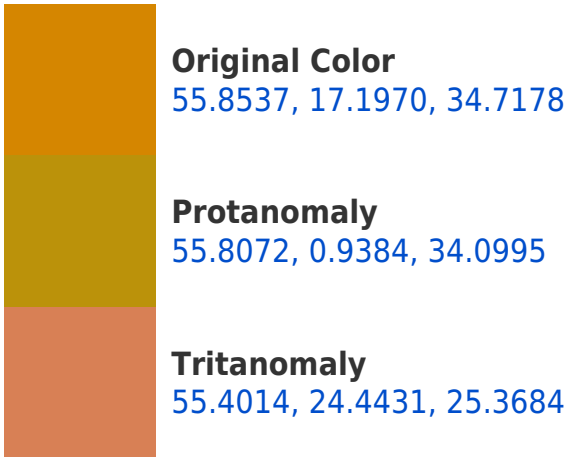
### Protanopia

56.2029, -7.8686, 34.0174

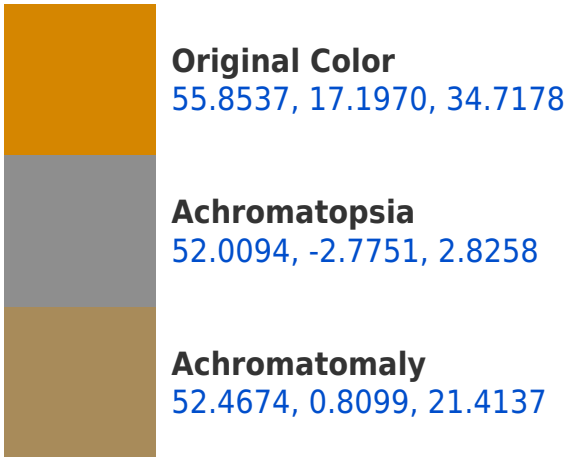
### Tritanopia

55.9409, 31.4934, 11.1174

# Trichromacy



# Monochromacy



# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 55.8537, 17.1970, 34.7178 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(213, 134, 0)` looks like.

```
.text, #text, p{  
    color:rgb(213, 134, 0)  
}
```

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(213, 134, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 134, 0) }
```

## Border

The CSS property to change the border of an element to HunterLab 55.8537, 17.1970, 34.7178 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(213, 134, 0) }
```

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

```
.border{ border-color:rgb(213, 134, 0) }
```

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

Here you see how a box with a 4 pixel rgb(213, 134, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 134, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 134, 0);  
box-shadow:4px 4px 4px 4px rgb(213, 134,  
0) }
```



# Background

The CSS property to change the background color of an element to HunterLab 55.8537, 17.1970, 34.7178 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 134, 0) }
```

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

```
.background{ background-color: rgb(213,  
134, 0) }
```

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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