

# Converting Colors

HunterLab(61.4905, 15.0533,  
37.7106)

Have a look what the booklet for  
HunterLab(61.4905, 15.0533,  
37.7106) contains.

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# Color

**HunterLab(61.3988, 15.2302,  
37.6639)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E2950F
RGB	226, 149, 15
RGB Percent	89%, 58%, 6%
CMY	0.1137, 0.4157, 0.9411
CMYK	0.00, 0.34, 0.93, 0.11
HSL	38°, 88%, 47%
HSV	38°, 93%, 89%
XYZ	42.1977, 37.6981, 5.5043
YIQ	156.7470, 88.9060, -25.3500

# Conversions

## Conversions Part 2

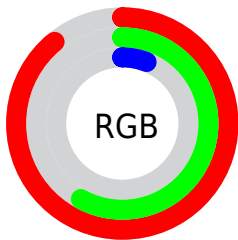
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	136, 226, 15
Decimal	14849295
CIE <sub>Lab</sub>	67.80, 20.23, 70.53
CIE <sub>LCh</sub>	68, 73.372, 73.991
Yxy	37.7001, 0.4941, 0.4414
Android (android.graphics.Color)	4293039375 (0xFFE2950F)
YUV	156.7470, -69.8813, 60.7349
Hunter-Lab	61.3988, 15.2302, 37.6639

# Details

The HunterLab color **61.3988, 15.2302, 37.6639** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **36.3967, 23.3659, -94.3712**, and the grayscale version is **58.2143, -3.1062, 3.1629**.

A 20% lighter version of the original color is **80.3437, 1.6853, 43.9363**, and **40.9081, 15.1768, 25.4731** is the 20% darker color. If you saturate the color by 10%, you get **59.9774, 17.8519, 37.2703**, and if you desaturate by 10%, it is **63.6442, 11.4869, 37.7407**.

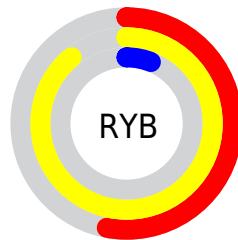
# Distribution



Red (89%)

Green (58%)

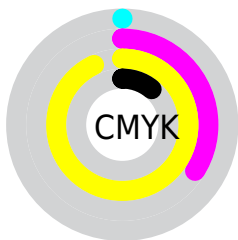
Blue (6%)



Red (53%)

Yellow (89%)

Blue (6%)

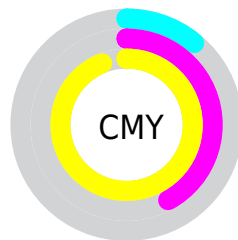


Cyan (0%)

Magenta (34%)

Yellow (93%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (94%)

# Brightness & Saturation Gradients

These gradients show how the HunterLab color 61.3988, 15.2302, 37.6639 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 61.3988, 15.2302, 37.6639 by changing the saturation by 10% instead.



61.3988, 15.2302,  
37.6639

61.3988, 15.2302,  
37.6639

183.3935, 16.1046,  
75.4464

50.7444, 14.7863,  
32.6204

84.6453, 15.8581,  
47.0960

40.7881, 14.2488,  
27.3438

97.1674, 16.0650,  
51.5313

31.5845, 13.6002,  
22.1091

110.2525, 16.2075,  
55.8100

23.2011, 12.8227,  
16.2408

123.8774, 16.2907,  
59.9515

15.7278, 11.8943,  
11.0095

138.0215, 16.3186,  
63.9725

9.2919, 10.7994,  
6.5043

152.6663, 16.2949,

0.0000, INF, NaN

67.8874

0.0000, NaN, NaN

167.7953, 16.2226,  
71.7085

0.0000, NaN, NaN

■ 61.3988, 15.2302,  
37.6639

■ 61.3988, 15.2302,  
37.6639

■ 59.9774, 17.8519,  
37.2703

■ 63.6442, 11.4869,  
37.7407

■ 66.0214, 8.1028,  
36.9588

■ 68.5309, 5.1081,  
35.2711

■ 71.1692, 2.5182,  
32.6724

■ 73.9316, 0.3362,  
29.1822

■ 76.8128, -1.4438,  
24.8357

■ 79.8068, -2.8336,  
19.6769

■ 82.9079, -3.8490,  
13.7545

■ 86.1103, -4.5083,  
7.1184

# Harmonies

## Analogous

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



61.4004, 49.3919, 32.2305



61.3988, 15.2302, 37.6639



61.4004, -17.8864, 37.8073

# Triad

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



61.4004, 15.2267, 37.6645



61.4004, -53.5342, -13.1244



61.4004, 47.3251, -57.9105

# Complementary

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



61.3988, 15.2302, 37.6639



36.3967, 23.3659, -94.3712

# 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.



61.4004, 12.8351, -88.8721



61.3988, 15.2302, 37.6639



61.4004, -42.6016, -55.1340

# Square

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



61.4004, 15.2267, 37.6645



61.4004, -53.1605, 17.7727



61.4004, -19.8241, -87.6498



61.4004, 70.4306, -15.7531



# Rectangle

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



61.3988, 15.2302, 37.6639



61.4004, -34.8922, 35.2885



61.4004, -19.8241, -87.6498



61.4004, 36.3944, -70.7681

# Sweetspot

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



61.4004, 15.2267, 37.6645



89.8400, -2.5346, 25.5325



41.5809, 70.9694, 12.3051



40.8791, -0.8347, 12.9652

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136



# Same Dimension

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



61.4004, 15.2267, 37.6645



68.6165, 20.7907, 42.6451



81.4951, -31.9263, 49.3289



38.9159, -1.9186, 5.1964



45.5589, 12.9684, 28.3002



12.6782, 2.0893, 7.8489



# Inverse Universe

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



36.3967, 23.3659, -94.3712



38.8045, 33.1488, -120.0611



25.1982, 61.4559, -152.6938



37.4942, -2.0137, -1.2642



26.1203, 20.4169, -76.7223



7.9965, 2.8368, -16.1189



# Previews

## White Background



This preview shows how the HunterLab color 61.3988, 15.2302, 37.6639 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 61.3988, 15.2302, 37.6639 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 61.3988, 15.2302, 37.6639 Background



This preview shows how black text looks on a background with the HunterLab color 61.3988, 15.2302, 37.6639.



This preview shows how white text looks on a background with the HunterLab color 61.3988, 15.2302,



# 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

61.3988, 15.2302, 37.6639

### Protanopia

61.5560, -8.3610, 37.1008

### Deuteranopia

61.3753, 4.1322, 37.8915



## Tritanopia

61.4744, 31.6096, 11.0102

# Trichromacy



## Original Color

61.3988, 15.2302, 37.6639

## Protanomaly

61.3238, -0.2708, 37.1871

## Deuteranomaly

61.2937, 8.0806, 37.7715

## Tritanomaly

61.1457, 23.6487, 26.4010

# Monochromacy



## Original Color

61.3988, 15.2302, 37.6639

## Achromatopsia

58.0658, -3.0982, 3.1548

## Achromatomaly

58.3748, -0.0344, 22.3956

# CSS Examples

## Text

The CSS property to change the color of the text to HunterLab 61.3988, 15.2302, 37.6639 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(226, 149, 15)` looks like.

```
.text, #text, p{  
    color:rgb(226, 149, 15)  
}
```

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(226, 149, 15) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 149, 15) }
```

## Border

The CSS property to change the border of an element to HunterLab 61.3988, 15.2302, 37.6639 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(226, 149, 15) }
```



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

```
.border{ border-color:rgb(226, 149, 15) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 149, 15)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 149, 15); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 149, 15);  
box-shadow:4px 4px 4px 4px rgb(226, 149,  
15) }
```

# Background

The CSS property to change the background color of an element to HunterLab 61.3988, 15.2302, 37.6639 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 149, 15) }
```

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

```
.background{ background-color: rgb(226,  
149, 15) }
```

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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