

Converting Colors

HunterLab(63.0597, 14.8513,
38.5943)

Have a look what the booklet for
HunterLab(63.0597, 14.8513,
38.5943) contains.

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Color

**HunterLab(62.9676, 14.9162,
38.5226)**

Conversions

Conversions Part 1

Format	Color
Hex	E69912
RGB	230, 153, 18
RGB Percent	90%, 60%, 7%
CMY	0.0980, 0.4000, 0.9294
CMYK	0.00, 0.33, 0.92, 0.10
HSL	38°, 85%, 49%
HSV	38°, 92%, 90%
XYZ	44.1336, 39.6492, 5.8993
YIQ	160.6330, 89.2270, -25.6610

Conversions

Conversions Part 2

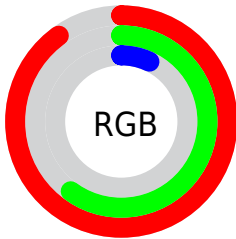
Format	Color
R_{YB}	139, 230, 18
Decimal	15112466
CIE Lab	69.22, 19.85, 71.25
CIE LCh	69, 73.964, 74.429
Yxy	39.6512, 0.4921, 0.4421
Android (android.graphics.Color)	4293302546 (0xFFE69912)
YUV	160.6330, -70.3181, 60.8349
Hunter-Lab	62.9676, 14.9162, 38.5226

Details

The HunterLab color **62.9676, 14.9162, 38.5226** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **37.4522, 23.2263, -95.0290**, and the grayscale version is **59.8036, -3.1910, 3.2492**.

A 20% lighter version of the original color is **81.5444, -0.2522, 44.4388**, and **42.2227, 14.4660, 26.2707** is the 20% darker color. If you saturate the color by 10%, you get **61.2572, 18.0518, 38.0625**, and if you desaturate by 10%, it is **65.2677, 11.1519, 38.5064**.

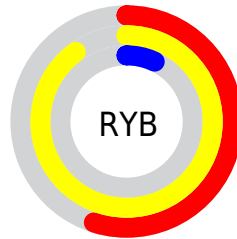
Distribution



Red (90%)

Green (60%)

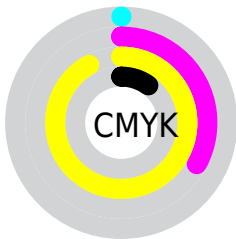
Blue (7%)



Red (55%)

Yellow (90%)

Blue (7%)

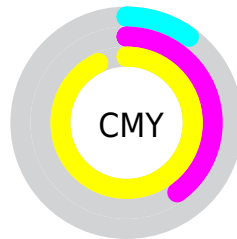


Cyan (0%)

Magenta (33%)

Yellow (92%)

Black (10%)



Cyan (10%)

Magenta (40%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.9676, 14.9162, 38.5226 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 62.9676, 14.9162, 38.5226 by changing the saturation by 10% instead.

62.9676, 14.9162, 38.5226

62.9676, 14.9162, 38.5226

185.6479, 15.5822, 76.4752

52.2175, 14.5026, 33.4678

86.3899, 15.4892, 47.9841

42.1588, 13.9980, 28.1727

98.9936, 15.6709, 52.4370

32.8445, 13.3855, 22.9911

112.1568, 15.7897, 56.7346

24.3397, 12.6476, 17.0378

125.8567, 15.8502, 60.8960

16.7303, 11.7626, 11.7112

140.0730, 15.8564, 64.9375

10.1377, 10.7081, 7.0964

154.7876, 15.8119,

0.0000, INF, NaN

68.8735

0.0000, NaN, NaN

169.9842, 15.7196,
72.7159

0.0000, NaN, NaN

■ 62.9676, 14.9162,
38.5226

■ 62.9676, 14.9162,
38.5226

■ 61.2572, 18.0518,
38.0625

■ 65.2677, 11.1519,
38.5064

■ 67.7017, 7.7597,
37.6042

■ 70.2698, 4.7679,
35.7738

■ 72.9684, 2.1905,
33.0124

■ 75.7927, 0.0296,
29.3423

■ 78.7371, -1.7215,
24.8000

■ 81.7957, -3.0754,
19.4313

■ 84.9627, -4.0485,
13.2857

■ 88.2322, -4.6597,
6.4146

Harmonies

Analogous

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



62.9692, 49.6659, 33.0373



62.9676, 14.9162, 38.5226



62.9692, -18.6509, 38.6067

Triad

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



62.9692, 14.9127, 38.5232



62.9692, -54.4666, -13.8689



62.9692, 48.4796, -58.0593

Complementary

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



62.9676, 14.9162, 38.5226



37.4522, 23.2263, -95.0290

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.



62.9692, 13.5381, -89.7198



62.9676, 14.9162, 38.5226



62.9692, -43.1392, -56.4695

Square

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



62.9692, 14.9127, 38.5232



62.9692, -54.2507, 17.7799



62.9692, -19.7666, -89.0206



62.9692, 71.6404, -15.3780

Rectangle

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



62.9676, 14.9162, 38.5226



62.9692, -35.8540, 35.9488



62.9692, -19.7666, -89.0206



62.9692, 37.4352, -71.1424

Sweetspot

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



62.9692, 14.9127, 38.5232



89.8779, -2.5984, 25.5672



42.5388, 72.2074, 12.1398



40.8992, -0.8687, 12.9830

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.9692, 14.9127, 38.5232



68.7292, 20.5635, 42.7106



83.1603, -32.4315, 50.2669



39.8631, -1.9734, 5.3356



46.3515, 13.0621, 28.7903



13.2768, 2.2390, 8.2203

Inverse Universe

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



37.4522, 23.2263, -95.0290



38.7053, 33.4041, -120.4881



25.9486, 62.1663, -153.9752



38.3925, -2.0531, -1.3106



26.4491, 20.9778, -78.3440



8.2992, 3.1650, -17.2056

Previews

White Background



This preview shows how the HunterLab color 62.9676, 14.9162, 38.5226 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 62.9676, 14.9162, 38.5226 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 62.9676, 14.9162, 38.5226 Background



This preview shows how black text looks on a background with the HunterLab color 62.9676, 14.9162, 38.5226.



This preview shows how white text looks on a background with the HunterLab color 62.9676, 14.9162,

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

62.9676, 14.9162, 38.5226

Protanopia

63.1599, -8.7162, 37.9551

Deuteranopia

63.0760, 4.1618, 38.9400



Tritanopia

62.8321, 32.1311, 10.8413

Trichromacy



Original Color

62.9676, 14.9162, 38.5226

Protanomaly

62.9190, -0.6089, 38.0444

Deuteranomaly

62.9958, 8.1431, 38.7711

Tritanomaly

62.4897, 24.0665, 26.5011

Monochromacy



Original Color

62.9676, 14.9162, 38.5226

Achromatopsia

59.6993, -3.1854, 3.2436

Achromatomaly

59.9975, -0.1614, 22.6699

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.9676, 14.9162, 38.5226 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(230, 153, 18)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 18)  
}
```

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(230, 153, 18) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 18) }
```

Border

The CSS property to change the border of an element to HunterLab 62.9676, 14.9162, 38.5226 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(230, 153, 18) }
```


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

```
.border{ border-color:rgb(230, 153, 18) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 153, 18)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 18); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 18);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
18) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.9676, 14.9162, 38.5226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 153, 18) }
```

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

```
.background{ background-color: rgb(230,  
153, 18) }
```

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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