

Converting Colors

HunterLab(62.8226, -2.5024,
38.6672)

Have a look what the booklet for
HunterLab(62.8226, -2.5024,
38.6672) contains.

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Color

**HunterLab(62.8226, -2.5024,
38.6672)**

Conversions

Conversions Part 1

Format	Color
Hex	CAA500
RGB	202, 165, 0
RGB Percent	79%, 65%, 0%
CMY	0.2078, 0.3529, 0.9999
CMYK	0.00, 0.18, 1.00, 0.21
HSL	49°, 100%, 40%
HSV	49°, 100%, 79%
XYZ	37.8122, 39.4668, 5.6249
YIQ	157.2530, 75.0170, -43.4710

Conversions

Conversions Part 2

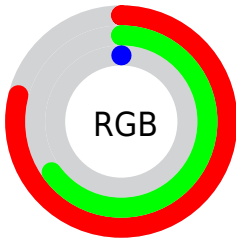
Format	Color
RYB	45, 202, 0
Decimal	13280512
CIELab	69.09, 0.97, 72.22
CIELCh	69, 72.222, 89.228
Yxy	39.4687, 0.4561, 0.4761
Android (android.graphics.Color)	4291470592 (0xFFCAA500)
YUV	157.2530, -77.5257, 39.2431
Hunter-Lab	62.8226, -2.5024, 38.6672

Details

The HunterLab color **62.8226, -2.5024, 38.6672** 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 **23.6389, 44.1299, -124.8081**, and the grayscale version is **58.4549, -3.1190, 3.1760**.

A 20% lighter version of the original color is **85.4296, -7.0590, 47.6449**, and **42.2780, -0.7548, 26.0383** is the 20% darker color. If you saturate the color by 10%, you get **62.8233, -2.5040, 38.6676**, and if you desaturate by 10%, it is **63.9328, -4.0605, 38.7009**.

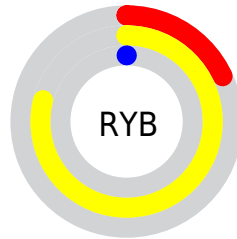
Distribution



Red (79%)

Green (65%)

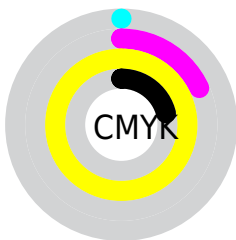
Blue (0%)



Red (18%)

Yellow (79%)

Blue (0%)

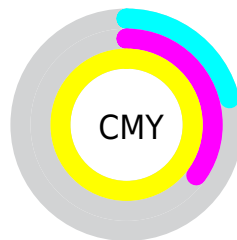


Cyan (0%)

Magenta (18%)

Yellow (100%)

Black (21%)



Cyan (21%)

Magenta (35%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.8226, -2.5024, 38.6672 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 62.8226, -2.5024, 38.6672 by changing the saturation by 10% instead.

62.8226, -2.5024,
38.6672

62.8226, -2.5024,
38.6672

185.4398, -8.6865,
77.0943

52.0812, -1.9827,
33.5496

86.2287, -3.6611,
48.2496

42.0319, -1.5007,
28.1973

98.8249, -4.2901,
52.7596

32.7277, -1.0629,
22.9094

111.9809, -4.9509,
57.1118

24.2340, -0.6739,
16.9638

125.6739, -5.6420,
61.3256

16.6371, -0.3405,
11.6460

139.8836, -6.3622,
65.4174

10.0589, -0.0726,
7.0412

154.5918, -7.1103,

0.0000, NaN, NaN

69.4016

0.0000, NaN, NaN

169.7821, -7.8854,
73.2904

0.0000, NaN, NaN

62.8226, -2.5024,
38.6672

62.8226, -2.5024,
38.6672

62.8233, -2.5040,
38.6676

63.9328, -4.0605,
38.7009

65.0937, -5.3866,
38.1537

66.3181, -6.4162,
36.8540

67.6101, -7.1231,
34.7416

68.9721, -7.4911,
31.7823

■ 70.4054, -7.5108,
27.9606

■ 71.9105, -7.1789,
23.2750

■ 73.4872, -6.4962,
17.7350

■ 75.1350, -5.4672,
11.3586

Harmonies

Analogous

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



62.8241, 32.2135, 36.1851



62.8226, -2.5024, 38.6672



62.8241, -31.2396, 36.4506

Triad

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



62.8241, -2.5052, 38.6677



62.8241, -49.4028, -33.4217



62.8241, 60.4153, -35.5914

Complementary

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



62.8226, -2.5024, 38.6672



23.6389, 44.1299, -124.8081

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.



62.8241, 30.4412, -74.5242



62.8226, -2.5024, 38.6672



62.8241, -32.4335, -72.8831

Square

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



62.8241, -2.5052, 38.6677



62.8241, -54.7326, 4.2211



62.8241, -4.2013, -90.7916



62.8241, 72.8150, 2.6076

Rectangle

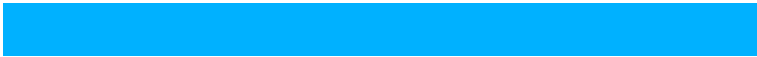
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.8226, -2.5024, 38.6672



62.8241, -44.2830, 31.3080



62.8241, -4.2013, -90.7916



62.8241, 51.7943, -49.6192

Sweetspot

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



62.8241, -2.5052, 38.6677



93.4872, -9.3684, 30.5627



35.6239, 61.3804, 20.1066



42.8597, -4.4418, 15.3995

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.8241, -2.5052, 38.6677



81.5576, -2.9415, 50.2039



69.0269, -39.0609, 41.8499



35.6842, -2.5592, 5.1965



50.5151, -2.2085, 31.0885



11.8728, -1.1579, 7.2957

Inverse Universe

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



23.6389, 44.1299, -124.8081



30.3799, 58.7927, -164.8888



23.1382, 58.0501, -127.9060



33.4228, -0.9966, -1.7215



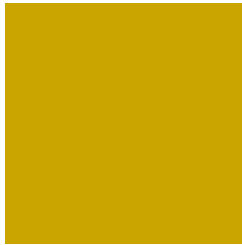
19.2113, 34.5176, -98.5261



5.4188, 4.6795, -16.8748

Previews

White Background



This preview shows how the HunterLab color 62.8226, -2.5024, 38.6672 looks on a white background.

Color Contrast Check

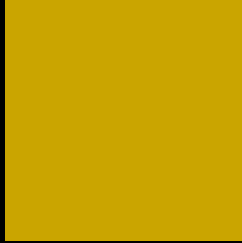
Large Text (above 18pt) WCAG AA × Fail

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 62.8226, -2.5024, 38.6672 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 62.8226, -2.5024, 38.6672 Background



This preview shows how black text looks on a background with the HunterLab color 62.8226, -2.5024, 38.6672.

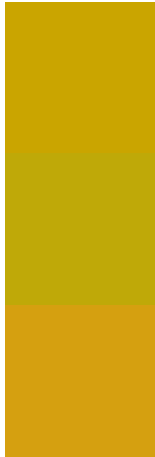


This preview shows how white text looks on a background with the HunterLab color 62.8226, -2.5024,

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

62.8226, -2.5024, 38.6672

Protanopia

62.8250, -8.4619, 38.3475

Deuteranopia

62.7098, 4.4144, 38.2553



Tritanopia

62.7280, 18.4120, 5.3287

Trichromacy



Original Color

62.8226, -2.5024, 38.6672

Protanomaly

62.9431, -6.5390, 38.5355

Deuteranomaly

62.7837, 1.7759, 38.4469

Tritanomaly

62.0836, 8.1401, 25.6349

Monochromacy



Original Color

62.8226, -2.5024, 38.6672

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

59.1151, -6.5104, 24.2202

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.8226, -2.5024, 38.6672 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(202, 165, 0)` looks like.

```
.text, #text, p{  
    color:rgb(202, 165, 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(202, 165, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 165, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.8226, -2.5024, 38.6672 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(202, 165, 0) }
```


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

```
.border{ border-color:rgb(202, 165, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 165, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 165, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 165, 0);  
box-shadow:4px 4px 4px 4px rgb(202, 165,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.8226, -2.5024, 38.6672 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 165, 0) }
```

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

```
.background{ background-color: rgb(202,  
165, 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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