

Converting Colors

HunterLab(70.2143, 9.7723,
41.2437)

Have a look what the booklet for
HunterLab(70.2143, 9.7723,
41.2437) contains.

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Color

**HunterLab(70.2471, 9.8290,
41.2764)**

Conversions

Conversions Part 1

Format	Color
Hex	F2AE2E
RGB	242, 174, 46
RGB Percent	95%, 68%, 18%
CMY	0.0510, 0.3176, 0.8196
CMYK	0.00, 0.28, 0.81, 0.05
HSL	39°, 88%, 56%
HSV	39°, 81%, 95%
XYZ	52.2471, 49.3466, 9.3559
YIQ	179.7400, 81.6160, -25.3920

Conversions

Conversions Part 2

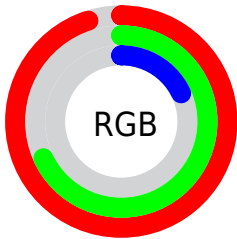
Format	Color
R_{YB}	150, 242, 46
Decimal	15904302
CIE _{Lab}	75.67, 14.47, 69.79
CIE _{LCh}	76, 71.274, 78.288
Yxy	49.3490, 0.4709, 0.4448
Android (android.graphics.Color)	4294094382 (0xFFFF2AE2E)
YUV	179.7400, -65.9338, 54.6020
Hunter-Lab	70.2471, 9.8290, 41.2764

Details

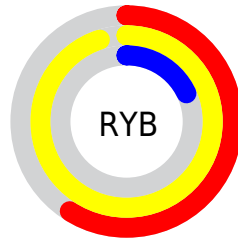
The HunterLab color **70.2471, 9.8290, 41.2764** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **43.6186, 18.4895, -86.9835**, and the grayscale version is **67.6937, -3.6120, 3.6779**.

A 20% lighter version of the original color is **88.4748, -10.1593, 45.7408**, and **48.7266, 10.0312, 30.2007** is the 20% darker color. If you saturate the color by 10%, you get **67.8717, 13.5808, 41.4054**, and if you desaturate by 10%, it is **72.7617, 6.4654, 40.1993**.

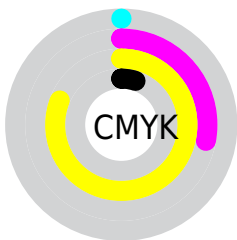
Distribution



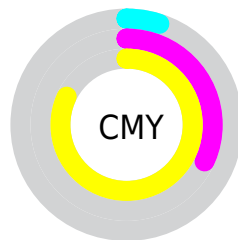
- Red (95%)
- Green (68%)
- Blue (18%)



- Red (59%)
- Yellow (95%)
- Blue (18%)



- Cyan (0%)
- Magenta (28%)
- Yellow (81%)
- Black (5%)




- Cyan (5%)
- Magenta (32%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.2471, 9.8290, 41.2764 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 70.2471, 9.8290, 41.2764 by changing the saturation by 10% instead.

 70.2471, 9.8290,
41.2764

 70.2471, 9.8290,
41.2764

195.9885, 8.3055,
77.7977

 59.0732, 9.7172,
36.4587

 94.4508, 9.8440,
50.3173


 48.5624, 9.5331,
31.4097

 107.4181, 9.7658,
54.5868

 38.7617, 9.2631,
26.1763


 120.9297, 9.6352,
58.7168


 29.7266, 8.8938,
20.8086

 134.9648, 9.4558,
62.7246

 21.5286, 8.4071,
15.0700

 149.5043, 9.2306,
66.6249

 14.2641, 7.7777,
9.9848

 164.5314, 8.9624,

 7.9213, 7.6407,

70.4302

5.5449

180.0308, 8.6533,
74.1514

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.2471, 9.8290,
41.2764

■ 70.2471, 9.8290,
41.2764

■ 67.8717, 13.5808,
41.4054

■ 72.7617, 6.4654,
40.1993

■ 65.8383, 17.2313,
40.8709


■ 75.4093, 3.5321,
38.1276


■ 78.1888, 1.0393,
35.0576


■ 81.0957, -1.0113,
31.0107


■ 84.1250, -2.6267,

26.0235

 87.2710, -3.8197,
20.1422

 90.5283, -4.6071,
13.4181

 93.8910, -5.0084,
5.9041

 97.0553, -6.6809,
1.8933

Harmonies

Analogous

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



70.2489, 44.5204, 35.9364



70.2471, 9.8290, 41.2764



70.2489, -22.8670, 40.6953

Triad

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



70.2489, 9.8254, 41.2770



70.2489, -55.1015, -18.2820



70.2489, 51.1696, -50.4756

Complementary

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



70.2471, 9.8290, 41.2764



43.6186, 18.4895, -86.9835

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.



70.2489, 17.6542, -82.9360



70.2471, 9.8290, 41.2764



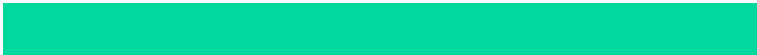
70.2489, -41.7226, -59.1262

Square

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



70.2489, 9.8254, 41.2770



70.2489, -56.4082, 15.1728



70.2489, -16.3708, -86.6866



70.2489, 71.2141, -9.8053

Rectangle

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



70.2471, 9.8290, 41.2764



70.2489, -39.4153, 36.9464



70.2489, -16.3708, -86.6866



70.2489, 40.8446, -63.3907

Sweetspot

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



70.2489, 9.8254, 41.2770



91.5753, -3.7107, 23.3945



46.9682, 72.3563, 9.8844



41.8147, -1.5086, 11.8575

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.2489, 9.8254, 41.2770



70.5153, 17.1032, 43.5659



88.1972, -33.7833, 52.0173



41.8116, -2.1553, 5.6617



48.5300, 12.0898, 30.1156



14.6437, 2.2493, 9.0627

Inverse Universe

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



43.6186, 18.4895, -86.9835



38.9600, 33.0761, -119.3898



31.4282, 58.2373, -138.0891



40.1565, -2.0608, -1.4573



26.6011, 23.4089, -83.7822



8.7637, 4.1561, -19.9258

Previews

White Background



This preview shows how the HunterLab color 70.2471, 9.8290, 41.2764 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 70.2471, 9.8290, 41.2764 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 70.2471, 9.8290, 41.2764 Background



This preview shows how black text looks on a background with the HunterLab color 70.2471, 9.8290, 41.2764.



This preview shows how white text looks on a background with the HunterLab color 70.2471, 9.8290,

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

70.2471, 9.8290, 41.2764

Protanopia

70.3307, -9.1143, 40.7283

Deuteranopia

70.2056, 5.3796, 41.3422



Tritanopia

70.1853, 29.9816, 9.5113

Trichromacy



Original Color

70.2471, 9.8290, 41.2764

Protanomaly

70.1419, -2.1594, 40.8196

Deuteranomaly

70.2974, 7.1366, 41.3480

Tritanomaly

69.7174, 21.0926, 25.9612

Monochromacy



Original Color

70.2471, 9.8290, 41.2764

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.9529, -1.6414, 23.1082

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.2471, 9.8290, 41.2764 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(242, 174, 46)` looks like.

```
.text, #text, p{  
    color:rgb(242, 174, 46)  
}
```

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(242, 174, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 174, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 70.2471, 9.8290, 41.2764 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(242, 174, 46) }
```


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

```
.border{ border-color:rgb(242, 174, 46) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 174, 46)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 174, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 174, 46);  
box-shadow:4px 4px 4px 4px rgb(242, 174,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.2471, 9.8290, 41.2764 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 174, 46) }
```

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

```
.background{ background-color: rgb(242,  
174, 46) }
```

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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