

Converting Colors

HunterLab(68.2749, 4.4686,
42.1485)

Have a look what the booklet for
HunterLab(68.2749, 4.4686,
42.1485) contains.

HunterLab(68.2240, 4.2494, 42.1137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**HunterLab(68.2240, 4.2494,
42.1137)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AD00
RGB	229, 173, 0
RGB Percent	90%, 68%, 0%
CMY	0.1020, 0.3215, 0.9999
CMYK	0.00, 0.24, 1.00, 0.10
HSL	45°, 100%, 45%
HSV	45°, 100%, 90%
XYZ	47.2566, 46.5451, 6.4934
YIQ	170.0220, 88.9090, -41.9310

Conversions

Conversions Part 2

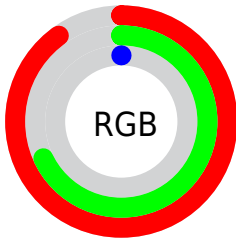
Format	Color
RYB	74, 229, 0
Decimal	15052032
CIELab	73.90, 8.61, 76.86
CIELCh	74, 77.337, 83.607
Yxy	46.5475, 0.4712, 0.4641
Android (android.graphics.Color)	4293242112 (0xFFE5AD00)
YUV	170.0220, -83.8208, 51.7237
Hunter-Lab	68.2240, 4.2494, 42.1137

Details

The HunterLab color **68.2240, 4.2494, 42.1137** 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 **29.1317, 44.3466, -132.1414**, and the grayscale version is **63.7224, -3.4001, 3.4622**.

A 20% lighter version of the original color is **87.9352, -10.9177, 48.8770**, and **46.9037, 5.3950, 28.9963** is the 20% darker color. If you saturate the color by 10%, you get **68.2245, 4.2480, 42.1140**, and if you desaturate by 10%, it is **69.8583, 1.6938, 42.3917**.

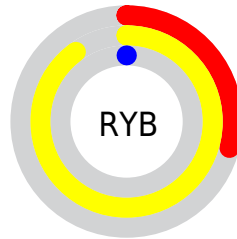
Distribution



Red (90%)

Green (68%)

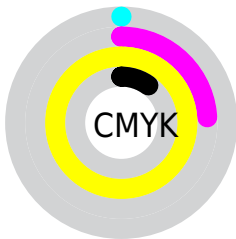
Blue (0%)



Red (29%)

Yellow (90%)

Blue (0%)

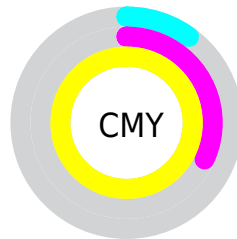


Cyan (0%)

Magenta (24%)

Yellow (100%)

Black (10%)



Cyan (10%)

Magenta (32%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.2240, 4.2494, 42.1137 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 68.2240, 4.2494, 42.1137 by changing the saturation by 10% instead.

68.2240, 4.2494,
42.1137

68.2240, 4.2494,
42.1137

193.1334, 0.7232,
82.1267

57.1647, 4.4056,
36.8267

92.2159, 3.7634,
52.0499

46.7760, 4.5029,
31.3075

105.0844, 3.4491,
56.7399

37.1062, 4.5299,
25.9743

118.5014, 3.0907,
61.2721

28.2134, 4.4759,
19.7494

132.4453, 2.6912,
65.6647

20.1726, 4.3256,
14.1208

146.8969, 2.2527,
69.9336

13.0860, 4.0557,
9.1602

161.8390, 1.7774,

6.5703, 5.3604,

74.0925

4.5992

177.2559, 1.2670,
78.1534

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.2240, 4.2494,
42.1137

■ 68.2240, 4.2494,
42.1137

■ 68.2245, 4.2480,
42.1140

■ 69.8583, 1.6938,
42.3917

■ 71.5683, -0.5743,
41.9643

■ 73.3667, -2.4858,
40.6518

■ 75.2568, -4.0121,
38.3946

■ 77.2400, -5.1372,

35.1662

■ 79.3160, -5.8545,
30.9628

■ 81.4839, -6.1644,
25.7969

■ 83.7419, -6.0722,
19.6926

■ 86.0878, -5.5874,
12.6820

Harmonies

Analogous

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



68.2257, 42.5380, 38.3222



68.2240, 4.2494, 42.1137



68.2257, -29.2387, 40.7141

Triad

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



68.2257, 4.2461, 42.1143



68.2257, -56.2436, -28.3143



68.2257, 61.5869, -48.1260

Complementary

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



68.2240, 4.2494, 42.1137



29.1317, 44.3466, -132.1414

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.



68.2257, 26.3870, -88.5265



68.2240, 4.2494, 42.1137



68.2257, -40.0874, -73.5247

Square

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



68.2257, 4.2461, 42.1143



68.2257, -59.7609, 10.6546



68.2257, -11.1911, -99.6613



68.2257, 79.7939, -4.0430

Rectangle

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



68.2240, 4.2494, 42.1137



68.2257, -45.1663, 36.2816



68.2257, -11.1911, -99.6613



68.2257, 51.0379, -63.3485

Sweetspot

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



68.2257, 4.2461, 42.1143



92.0079, -6.9617, 29.2612



41.1780, 71.2400, 20.9977



42.0811, -3.1764, 14.7395

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.2257, 4.2461, 42.1143



76.9696, 4.9862, 47.5156



80.4866, -41.1003, 48.8756



40.2352, -2.5903, 5.7316



51.7791, 2.8725, 31.9563



14.5743, -0.0865, 8.9791

Inverse Universe

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



29.1317, 44.3466, -132.1414



32.7170, 50.7282, -150.4010



25.5638, 65.9036, -155.0189



38.0219, -1.4346, -1.7710



22.3825, 32.3968, -97.9115



7.1661, 5.7624, -21.3964

Previews

White Background



This preview shows how the HunterLab color 68.2240, 4.2494, 42.1137 looks on a white background.

Color Contrast Check

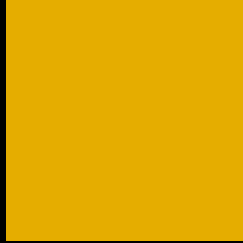
Large Text (above 18pt) WCAG AA × Fail

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 68.2240, 4.2494, 42.1137 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 68.2240, 4.2494, 42.1137 Background



This preview shows how black text looks on a background with the HunterLab color 68.2240, 4.2494, 42.1137.



This preview shows how white text looks on a background with the HunterLab color 68.2240, 4.2494,

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

68.2240, 4.2494, 42.1137

Protanopia

68.1627, -9.3735, 41.5349

Deuteranopia

68.0744, 5.2075, 41.8882



Tritanopia

68.1993, 25.1613, 8.0941

Trichromacy



Original Color

68.2240, 4.2494, 42.1137

Protanomaly

68.2304, -4.5666, 41.7637

Deuteranomaly

68.0711, 5.1903, 41.9359

Tritanomaly

67.4748, 14.7232, 28.8730

Monochromacy



Original Color

68.2240, 4.2494, 42.1137

Achromatopsia

63.4017, -3.3830, 3.4447

Achromatomaly

64.2533, -4.7778, 26.4175

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.2240, 4.2494, 42.1137 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(229, 173, 0)` looks like.

```
.text, #text, p{  
    color:rgb(229, 173, 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(229, 173, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 173, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.2240, 4.2494, 42.1137 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(229, 173, 0) }
```


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

```
.border{ border-color:rgb(229, 173, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 173, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 173, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 173, 0);  
box-shadow:4px 4px 4px 4px rgb(229, 173,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.2240, 4.2494, 42.1137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 173, 0) }
```

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

```
.background{ background-color: rgb(229,  
173, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor