

Converting Colors

HunterLab(70.8137, 11.4451,
42.4078)

Have a look what the booklet for
HunterLab(70.8137, 11.4451,
42.4078) contains.

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Color

**HunterLab(70.8334, 11.6485,
42.4540)**

Conversions

Conversions Part 1

Format	Color
Hex	F7AE24
RGB	247, 174, 36
RGB Percent	97%, 68%, 14%
CMY	0.0314, 0.3176, 0.8588
CMYK	0.00, 0.30, 0.85, 0.03
HSL	39°, 93%, 55%
HSV	39°, 85%, 97%
XYZ	53.8123, 50.1737, 8.5174
YIQ	180.0950, 87.8060, -27.4420

Conversions

Conversions Part 2

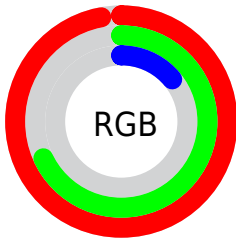
Format	Color
RYB	148, 247, 36
Decimal	16231972
CIELab	76.18, 16.32, 73.39
CIElCh	76, 75.181, 77.461
Yxy	50.1762, 0.4783, 0.4460
Android (android.graphics.Color)	4294422052 (0xFFF7AE24)
YUV	180.0950, -71.0388, 58.6757
Hunter-Lab	70.8334, 11.6485, 42.4540

Details

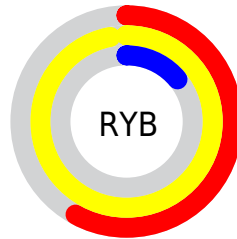
The HunterLab color **70.8334, 11.6485, 42.4540** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **42.4591, 22.3256, -96.3225**, and the grayscale version is **67.8611, -3.6209, 3.6870**.

A 20% lighter version of the original color is **88.3986, -10.5815, 46.8632**, and **49.2274, 11.6357, 30.5374** is the 20% darker color. If you saturate the color by 10%, you get **68.4662, 15.6462, 42.1801**, and if you desaturate by 10%, it is **73.3418, 8.0259, 41.7977**.

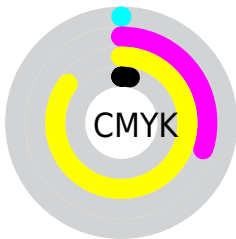
Distribution



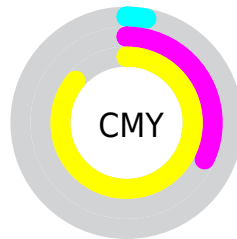
- Red (97%)
- Green (68%)
- Blue (14%)



- Red (58%)
- Yellow (97%)
- Blue (14%)



- Cyan (0%)
- Magenta (30%)
- Yellow (85%)
- Black (3%)





- Cyan (3%)
- Magenta (32%)
- Yellow (86%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 70.8334, 11.6485, 42.4540 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 70.8334, 11.6485, 42.4540 by changing the saturation by 10% instead.


 70.8334, 11.6485,
42.4540


 70.8334, 11.6485,
42.4540


196.8133, 10.7462,
80.5839

 59.6267, 11.4545,
37.4273


 95.0978, 11.8179,
51.8976


 49.0811, 11.1846,
32.1686

 108.0933, 11.8127,
56.3585


 39.2429, 10.8245,
26.8121

 121.6322, 11.7527,
60.6731

 30.1672, 10.3606,
21.1171

 135.6933, 11.6417,
64.8588

 21.9246, 9.7744,
15.3472

 150.2581, 11.4829,
68.9306

 14.6096, 9.0409,
10.2267

 165.3096, 11.2791,

 8.2696, 8.5339,

72.9015

5.7887

180.8327, 11.0328,
76.7828

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.8334, 11.6485,
42.4540

■ 70.8334, 11.6485,
42.4540

■ 68.4662, 15.6462,
42.1801

■ 73.3418, 8.0259,
41.7977

■ 67.4214, 17.5625,
41.8522


■ 75.9870, 4.8327,
40.1352


■ 78.7686, 2.0868,
37.4464


■ 81.6827, -0.2052,
33.7427


■ 84.7244, -2.0467,

29.0552

 87.8882, -3.4483,
23.4274

 91.1684, -4.4258,
16.9101

 94.5592, -4.9979,
9.5569

 97.9453, -5.7861,
2.9825

Harmonies

Analogous

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



70.8352, 48.4930, 36.9424



70.8334, 11.6485, 42.4540



70.8352, -23.1131, 42.0286

Triad

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



70.8352, 11.6448, 42.4546



70.8352, -57.8211, -18.5115



70.8352, 53.8169, -55.5498

Complementary

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



70.8334, 11.6485, 42.4540



42.4591, 22.3256, -96.3225

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.



70.8352, 17.8708, -90.1889



70.8334, 11.6485, 42.4540



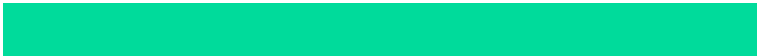
70.8352, -44.2582, -62.5645

Square

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



70.8352, 11.6448, 42.4546



70.8352, -58.8342, 16.5479



70.8352, -17.9946, -93.2487



70.8352, 75.8684, -11.7305

Rectangle

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



70.8334, 11.6485, 42.4540



70.8352, -40.6845, 38.4470



70.8352, -17.9946, -93.2487



70.8352, 42.6686, -69.4216

Sweetspot

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



70.8352, 11.6448, 42.4546



90.9231, -3.4982, 24.6821



47.0732, 76.1078, 11.8105



41.5333, -1.4042, 12.3961

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.8352, 11.6448, 42.4546



69.8699, 18.2874, 43.3737



90.0826, -35.3722, 53.7903



42.7692, -2.2095, 5.8019



49.3113, 12.2205, 30.5993



15.2595, 2.3955, 9.4448

Inverse Universe

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



42.4591, 22.3256, -96.3225



37.7294, 35.9634, -124.7932



30.3219, 63.3751, -152.2676



41.0660, -2.1018, -1.5034



26.9508, 23.9350, -85.3549



9.0706, 4.5075, -21.0678

Previews

White Background



This preview shows how the HunterLab color 70.8334, 11.6485, 42.4540 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 70.8334, 11.6485, 42.4540 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 70.8334, 11.6485, 42.4540 Background



This preview shows how black text looks on a background with the HunterLab color 70.8334, 11.6485, 42.4540.



This preview shows how white text looks on a background with the HunterLab color 70.8334, 11.6485, 42.4540.

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

70.8334, 11.6485, 42.4540

Protanopia

71.0953, -9.5969, 41.9665

Deuteranopia

70.6789, 5.4156, 42.4398



Tritanopia

70.8214, 31.8257, 10.6727

Trichromacy



Original Color

70.8334, 11.6485, 42.4540

Protanomaly

71.0176, -2.2321, 42.1192

Deuteranomaly

70.8947, 7.5823, 42.5521

Tritanomaly

70.3016, 22.7631, 27.6360

Monochromacy



Original Color

70.8334, 11.6485, 42.4540

Achromatopsia

67.5582, -3.6047, 3.6706

Achromatomaly

67.9976, -1.6054, 24.0648

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.8334, 11.6485, 42.4540 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(247, 174, 36)` looks like.

```
.text, #text, p{  
    color:rgb(247, 174, 36)  
}
```

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(247, 174, 36) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 174, 36) }
```

Border

The CSS property to change the border of an element to HunterLab 70.8334, 11.6485, 42.4540 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(247, 174, 36) }
```


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

```
.border{ border-color:rgb(247, 174, 36) }
```

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

Here you see how a box with a 4 pixel rgb(247, 174, 36) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 174, 36); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 174, 36);  
box-shadow:4px 4px 4px 4px rgb(247, 174,  
36) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.8334, 11.6485, 42.4540 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 174, 36) }
```

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

```
.background{ background-color: rgb(247,  
174, 36) }
```

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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