

Converting Colors

HunterLab(70.0735, 12.3830,
42.0632)

Have a look what the booklet for
HunterLab(70.0735, 12.3830,
42.0632) contains.

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Color

**HunterLab(70.1564, 12.2325,
42.1004)**

Conversions

Conversions Part 1

Format	Color
Hex	F6AC23
RGB	246, 172, 35
RGB Percent	96%, 67%, 14%
CMY	0.0353, 0.3255, 0.8627
CMYK	0.00, 0.30, 0.86, 0.04
HSL	39°, 92%, 55%
HSV	39°, 86%, 96%
XYZ	53.0619, 49.2192, 8.2937
YIQ	178.5080, 88.0810, -26.9190

Conversions

Conversions Part 2

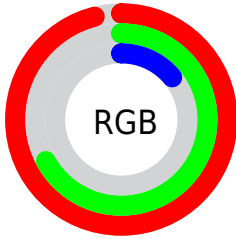
Format	Color
R_{YB}	149, 246, 35
Decimal	16165923
CIE Lab	75.59, 16.93, 73.13
CIE LCh	76, 75.062, 76.968
Yxy	49.2217, 0.4799, 0.4451
Android (android.graphics.Color)	4294356003 (0xFFFF6AC23)
YUV	178.5080, -70.7494, 59.1905
Hunter-Lab	70.1564, 12.2325, 42.1004

Details

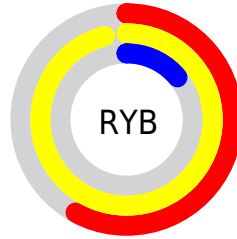
The HunterLab color **70.1564, 12.2325, 42.1004** is a light color, and the websafe version is hex **CC9900**. The color can be described as light washed orange. A complement of this color would be **42.3652, 21.9095, -95.5306**, and the grayscale version is **67.1967, -3.5854, 3.6509**.

A 20% lighter version of the original color is **87.7635, -9.6395, 46.5967**, and **48.6038, 12.2059, 30.1631** is the 20% darker color. If you saturate the color by 10%, you get **67.7827, 16.2834, 41.7910**, and if you desaturate by 10%, it is **72.6730, 8.5532, 41.4872**.

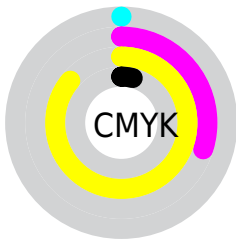
Distribution



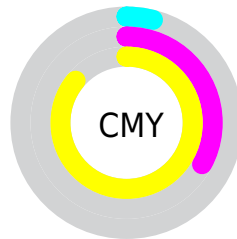
- Red (96%)
- Green (67%)
- Blue (14%)



- Red (58%)
- Yellow (96%)
- Blue (14%)



- Cyan (0%)
- Magenta (30%)
- Yellow (86%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (86%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 70.1564, 12.2325, 42.1004 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 70.1564, 12.2325, 42.1004 by changing the saturation by 10% instead.


 70.1564, 12.2325,
42.1004


 70.1564, 12.2325,
42.1004


195.8608, 11.5662,
80.1786


 58.9876, 12.0063,
37.0763


 94.3507, 12.4616,
51.5360


 48.4823, 11.7023,
31.8193

 107.3136, 12.4844,
55.9918

 38.6873, 11.3060,
26.4947


 120.8211, 12.4513,
60.3007

 29.6585, 10.8032,
20.7610

 134.8520, 12.3662,
64.4803

 21.4675, 10.1751,
15.0272

 149.3877, 12.2324,
68.5457

 14.2108, 9.3964,
9.9475

 164.4110, 12.0528,

 7.8660, 9.1897,

72.5100

5.5062

179.9067, 11.8300,
76.3844

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 70.1564, 12.2325,
42.1004

■ 70.1564, 12.2325,
42.1004

■ 67.7827, 16.2834,
41.7910

■ 72.6730, 8.5532,
41.4872

■ 66.8139, 18.0712,
41.4868

■ 75.3282, 5.3008,
39.8746

■ 78.1213, 2.4935,
37.2427

■ 81.0481, 0.1383,
33.6030

■ 84.1036, -1.7683,

28.9875

■ 87.2822, -3.2369,
23.4401

■ 90.5778, -4.2833,
17.0118

■ 93.9847, -4.9265,
9.7567

■ 97.4503, -5.4426,
2.3926

Harmonies

Analogous

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



70.1582, 48.8571, 36.5263



70.1564, 12.2325, 42.1004



70.1582, -22.4827, 41.7648

Triad

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



70.1582, 12.2288, 42.1010



70.1582, -57.5934, -17.7659



70.1582, 53.1003, -56.0988

Complementary

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



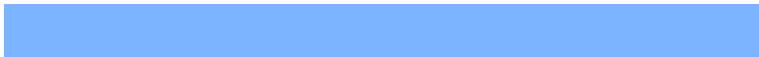
70.1564, 12.2325, 42.1004



42.3652, 21.9095, -95.5306

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.



70.1582, 17.1872, -90.2999



70.1564, 12.2325, 42.1004



70.1582, -44.3281, -61.6971

Square

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



70.1582, 12.2288, 42.1010



70.1582, -58.3979, 16.8777



70.1582, -18.4104, -92.7435



70.1582, 75.4097, -12.3621

Rectangle

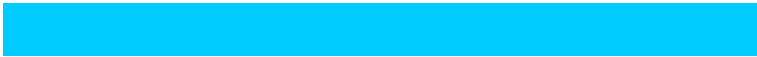
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



70.1564, 12.2325, 42.1004



70.1582, -40.0870, 38.3052



70.1582, -18.4104, -92.7435



70.1582, 41.9299, -69.8640

Sweetspot

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



70.1582, 12.2288, 42.1010



90.8259, -3.3351, 24.5916



46.8756, 76.1966, 10.6925



41.4826, -1.3188, 12.3503

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



70.1582, 12.2288, 42.1010



69.5544, 18.9126, 43.1902



89.9540, -34.1270, 53.7834



42.7532, -2.1829, 5.7849



49.0928, 12.6505, 30.4722



15.2008, 2.5055, 9.4105

Inverse Universe

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



42.3652, 21.9095, -95.5306



37.9943, 35.2600, -123.6058



29.8622, 63.0724, -153.6026



41.0820, -2.1284, -1.4836



27.1374, 23.4513, -84.5440



9.1254, 4.3867, -20.8755

Previews

White Background



This preview shows how the HunterLab color 70.1564, 12.2325, 42.1004 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 70.1564, 12.2325, 42.1004 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 70.1564, 12.2325, 42.1004 Background



This preview shows how black text looks on a background with the HunterLab color 70.1564, 12.2325, 42.1004.



This preview shows how white text looks on a background with the HunterLab color 70.1564, 12.2325,

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

70.1564, 12.2325, 42.1004

Protanopia

70.2771, -9.4117, 41.5203

Deuteranopia

70.1504, 5.0839, 42.1604



Tritanopia

70.0020, 31.8313, 10.6349

Trichromacy



Original Color

70.1564, 12.2325, 42.1004

Protanomaly

70.2024, -2.0551, 41.6737

Deuteranomaly

70.0860, 7.7521, 42.1052

Tritanomaly

69.4838, 22.8103, 27.5038

Monochromacy



Original Color

70.1564, 12.2325, 42.1004

Achromatopsia

67.1406, -3.5825, 3.6479

Achromatomaly

67.2900, -1.0795, 23.7534

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 70.1564, 12.2325, 42.1004 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(246, 172, 35)` looks like.

```
.text, #text, p{  
    color:rgb(246, 172, 35)  
}
```

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(246, 172, 35) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 172, 35) }
```

Border

The CSS property to change the border of an element to HunterLab 70.1564, 12.2325, 42.1004 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(246, 172, 35) }
```


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

```
.border{ border-color:rgb(246, 172, 35) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 172, 35)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 172, 35); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 172, 35);  
box-shadow:4px 4px 4px 4px rgb(246, 172,  
35) }
```

Background

The CSS property to change the background color of an element to HunterLab 70.1564, 12.2325, 42.1004 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 172, 35) }
```

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

```
.background{ background-color: rgb(246,  
172, 35) }
```

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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