

Converting Colors

HunterLab(72.1712, 14.0621,
44.1920)

Have a look what the booklet for
HunterLab(72.1712, 14.0621,
44.1920) contains.

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Color

**HunterLab(72.0905, 14.2245,
44.1266)**

Conversions

Conversions Part 1

Format	Color
Hex	FFAF14
RGB	255, 175, 20
RGB Percent	100%, 69%, 8%
CMY	0.0000, 0.3137, 0.9215
CMYK	0.00, 0.31, 0.92, 0.00
HSL	40°, 100%, 54%
HSV	40°, 92%, 100%
XYZ	56.6962, 51.9704, 7.7048
YIQ	181.2500, 97.4350, -31.2450

Conversions

Conversions Part 2

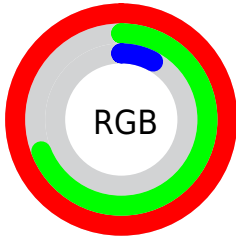
Format	Color
R_{YB}	141, 255, 20
Decimal	16756500
CIE _{Lab}	77.26, 18.90, 78.07
CIE _{LCh}	77, 80.328, 76.394
Yxy	51.9731, 0.4872, 0.4466
Android (android.graphics.Color)	4294946580 (0xFFFFAF14)
YUV	181.2500, -79.4962, 64.6788
Hunter-Lab	72.0905, 14.2245, 44.1266

Details

The HunterLab color **72.0905, 14.2245, 44.1266** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **40.5998, 29.6137, -112.6235**, and the grayscale version is **68.3759, -3.6484, 3.7150**.

A 20% lighter version of the original color is **88.6331, -11.5188, 48.2376**, and **50.3710, 13.9845, 31.2832** is the 20% darker color. If you saturate the color by 10%, you get **70.2406, 17.5563, 43.5893**, and if you desaturate by 10%, it is **74.5684, 10.2564, 44.1131**.

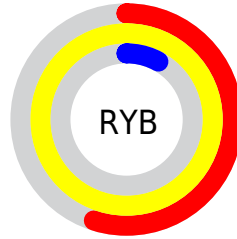
Distribution



Red (100%)

Green (69%)

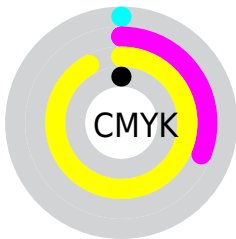
Blue (8%)



Red (55%)

Yellow (100%)

Blue (8%)

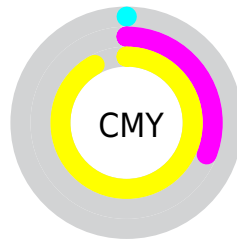


Cyan (0%)

Magenta (31%)

Yellow (92%)

Black (0%)



Cyan (0%)


Magenta (31%)

Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the HunterLab color 72.0905, 14.2245, 44.1266 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 72.0905, 14.2245, 44.1266 by changing the saturation by 10% instead.


 72.0905, 14.2245,
44.1266


 72.0905, 14.2245,
44.1266


198.5781, 14.1542,
84.2902


 60.8141, 13.9217,
38.8435


 96.4839, 14.5991,
54.0711


 50.1944, 13.5389,
33.3308

 109.5396, 14.6915,
58.7726


 40.2768, 13.0612,
27.8421


 123.1362, 14.7260,
63.3203

 31.1152, 12.4747,
21.7806

 137.2530, 14.7067,
67.7317

 22.7779, 11.7613,
15.9445

 151.8715, 14.6370,
72.0219

 15.3564, 10.8976,
10.7495

 166.9750, 14.5200,

 8.9680, 9.9230,

76.2043

6.2776

182.5485, 14.3583,
80.2904

0.0000, INF, NaN

0.0000, NaN, NaN

■ 72.0905, 14.2245,
44.1266

■ 72.0905, 14.2245,
44.1266

■ 70.2406, 17.5563,
43.5893

■ 74.5684, 10.2564,
44.1131

■ 77.1854, 6.7068,
43.0983

■ 79.9434, 3.6083,
41.0251

■ 82.8398, 0.9780,
37.8824

■ 85.8706, -1.1806,

33.6881

■ 89.0305, -2.8735,
28.4782

■ 92.3140, -4.1132,
22.2997

■ 95.7155, -4.9169,
15.2058

■ 99.2290, -5.3046,
7.2525

Harmonies

Analogous

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



72.0923, 54.0070, 38.3627



72.0905, 14.2245, 44.1266



72.0923, -23.3998, 43.8919

Triad

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



72.0923, 14.2206, 44.1272



72.0923, -61.5677, -18.6681



72.0923, 57.2934, -62.6570

Complementary

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



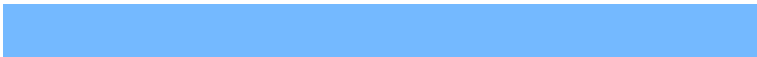
72.0905, 14.2245, 44.1266



40.5998, 29.6137, -112.6235

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.



72.0923, 18.0331, -100.1768



72.0905, 14.2245, 44.1266



72.0923, -47.7700, -67.0520

Square

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



72.0923, 14.2206, 44.1272



72.0923, -62.1692, 18.4789



72.0923, -20.3002, -102.1075



72.0923, 82.1484, -14.4866

Rectangle

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



72.0905, 14.2245, 44.1266



72.0923, -42.4004, 40.5177



72.0923, -20.3002, -102.1075



72.0923, 45.0151, -77.8213

Sweetspot

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



72.0923, 14.2206, 44.1272



90.3798, -3.4425, 26.0271



47.6706, 80.9612, 15.0745



41.1656, -1.3184, 13.2182

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



72.0923, 14.2206, 44.1272



70.2408, 17.5563, 43.5894



93.1379, -37.7935, 56.3079



44.7081, -2.3406, 6.0980



51.0570, 12.1365, 31.6736



16.5561, 2.5934, 10.2472

Inverse Universe

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



40.5998, 29.6137, -112.6235



37.4228, 36.7861, -126.1859



29.2235, 70.3484, -172.7040



42.8817, -2.1623, -1.6127



27.5046, 25.3819, -89.1707



9.6425, 5.3313, -23.5609

Previews

White Background



This preview shows how the HunterLab color 72.0905, 14.2245, 44.1266 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 72.0905, 14.2245, 44.1266 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 72.0905, 14.2245, 44.1266 Background



This preview shows how black text looks on a background with the HunterLab color 72.0905, 14.2245, 44.1266.



This preview shows how white text looks on a background with the HunterLab color 72.0905, 14.2245,

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

72.0905, 14.2245, 44.1266

Protanopia

72.3690, -9.8436, 43.6205

Deuteranopia

72.0727, 5.6095, 44.2964



Tritanopia

72.1608, 29.5447, 10.8064

Trichromacy



Original Color

72.0905, 14.2245, 44.1266

Protanomaly

72.1157, -1.5596, 43.6996

Deuteranomaly

72.1411, 8.7283, 44.2929

Tritanomaly

71.6697, 21.5350, 29.8396

Monochromacy



Original Color

72.0905, 14.2245, 44.1266

Achromatopsia

67.9762, -3.6270, 3.6933

Achromatomaly

68.5968, -1.2678, 26.3326

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 72.0905, 14.2245, 44.1266 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(255, 175, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 175, 20)  
}
```

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(255, 175, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 175, 20) }
```

Border

The CSS property to change the border of an element to HunterLab 72.0905, 14.2245, 44.1266 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(255, 175, 20) }
```


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

```
.border{ border-color:rgb(255, 175, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 175, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 175, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 175, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 175,  
20) }
```

Background

The CSS property to change the background color of an element to HunterLab 72.0905, 14.2245, 44.1266 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 175, 20) }
```

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

```
.background{ background-color: rgb(255,  
175, 20) }
```

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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