

Converting Colors

HunterLab(49.4497, 24.3162,
30.8963)

Have a look what the booklet for
HunterLab(49.4497, 24.3162,
30.8963) contains.

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Color

**HunterLab(49.4224, 24.3764,
30.8806)**

Conversions

Conversions Part 1

Format	Color
Hex	CC7000
RGB	204, 112, 0
RGB Percent	80%, 44%, 0%
CMY	0.2000, 0.5608, 1.0000
CMYK	0.00, 0.45, 1.00, 0.20
HSL	33°, 100%, 40%
HSV	33°, 100%, 80%
XYZ	30.6960, 24.4257, 3.0968
YIQ	126.7400, 90.7840, -15.3280

Conversions

Conversions Part 2

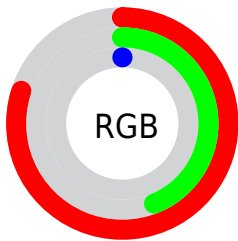
Format	Color
RYB	168, 204, 0
Decimal	13398016
CIELab	56.51, 30.49, 63.97
CIElCh	57, 70.866, 64.515
Yxy	24.4270, 0.5272, 0.4196
Android (android.graphics.Color)	4291588096 (0xFFCC7000)
YUV	126.7400, -62.4828, 67.7570
Hunter-Lab	49.4224, 24.3764, 30.8806

Details

The HunterLab color **49.4224, 24.3764, 30.8806** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **34.6612, 15.1811, -76.0942**, and the grayscale version is **46.1800, -2.4640, 2.5090**.

A 20% lighter version of the original color is **69.4379, 21.2279, 38.6248**, and **30.6507, 22.6818, 19.2839** is the 20% darker color. If you saturate the color by 10%, you get **49.4230, 24.3745, 30.8809**, and if you desaturate by 10%, it is **51.5889, 20.0743, 31.3576**.

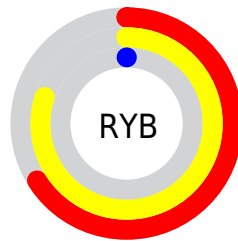
Distribution



Red (80%)

Green (44%)

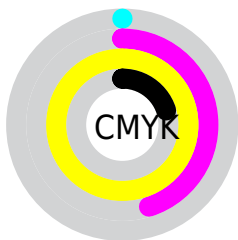
Blue (0%)



Red (66%)

Yellow (80%)

Blue (0%)

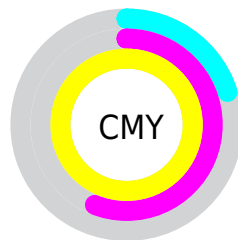


Cyan (0%)

Magenta (45%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (56%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 49.4224, 24.3764, 30.8806 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 49.4224, 24.3764, 30.8806 by changing the saturation by 10% instead.

49.4224, 24.3764,
30.8806

49.4224, 24.3764,
30.8806

165.8229, 29.5045,
66.8810

39.5610, 23.3487,
25.9774

71.2223, 26.0889,
39.9765

30.4587, 22.1969,
21.3211

83.0769, 26.8017,
44.2215

22.1867, 20.9058,
15.5307

95.5248, 27.4293,
48.3004

14.8387, 19.4749,
10.3871

108.5389, 27.9788,
52.2356

8.4912, 18.2940,
5.9439

122.0956, 28.4563,
56.0463

0.0000, INF, NaN

0.0000, NaN, NaN

136.1740, 28.8668,

59.7487

0.0000, NaN, NaN

150.7553, 29.2149,
63.3564

0.0000, NaN, NaN

49.4224, 24.3764,
30.8806

49.4224, 24.3764,
30.8806

49.4230, 24.3745,
30.8809

51.5889, 20.0743,
31.3576

53.9161, 16.0099,
31.2156

56.4070, 12.2672,
30.3011

59.0540, 8.8758,
28.6081

61.8482, 5.8471,
26.1608

■ 64.7802, 3.1797,
22.9999

■ 67.8409, 0.8635,
19.1742

■ 71.0211, -1.1170,
14.7353

■ 74.3125, -2.7803,
9.7343

Harmonies

Analogous

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



49.4237, 53.6824, 24.6161



49.4224, 24.3764, 30.8806



49.4237, -7.0498, 31.9715

Triad

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



49.4237, 24.3730, 30.8811



49.4237, -47.6147, -1.7740



49.4237, 34.0070, -66.1459

Complementary

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



49.4224, 24.3764, 30.8806



34.6612, 15.1811, -76.0942

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.



49.4237, 1.9305, -87.7168



49.4224, 24.3764, 30.8806



49.4237, -41.4024, -38.9829

Square

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



49.4237, 24.3730, 30.8811



49.4237, -44.3066, 20.8045



49.4237, -24.8643, -75.6203



49.4237, 60.1018, -26.8113

Rectangle

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



49.4224, 24.3764, 30.8806



49.4237, -24.1487, 30.9729



49.4237, -24.8643, -75.6203



49.4237, 23.3219, -76.5099

Sweetspot

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



49.4237, 24.3730, 30.8811



87.1461, 1.2205, 24.8849



36.9694, 65.5550, 6.4871



39.5317, 1.1320, 12.5260

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



49.4237, 24.3730, 30.8811



63.2594, 32.1279, 39.5426



74.2177, -22.4434, 45.3395



34.9536, -1.3465, 4.4174



39.4495, 18.8110, 24.6379



9.7632, 2.6008, 6.0615

Inverse Universe

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



34.6612, 15.1811, -76.0942



44.1367, 20.5519, -99.5326



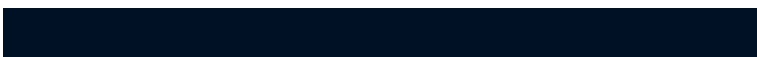
20.9850, 56.7097, -147.4787



34.1515, -2.2116, -0.8180



27.8243, 11.3476, -59.2743



7.4178, 0.4522, -10.2478

Previews

White Background



This preview shows how the HunterLab color 49.4224, 24.3764, 30.8806 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 49.4224, 24.3764, 30.8806 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

HunterLab 49.4224, 24.3764, 30.8806 Background



This preview shows how black text looks on a background with the HunterLab color 49.4224, 24.3764, 30.8806.



This preview shows how white text looks on a background with the HunterLab color 49.4224, 24.3764,

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

49.4224, 24.3764, 30.8806

Protanopia

49.4177, -6.8631, 29.6946

Deuteranopia

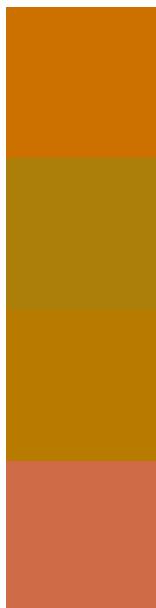
49.4683, 3.1471, 30.5373



Tritanopia

49.4776, 35.6692, 12.7430

Trichromacy



Original Color

49.4224, 24.3764, 30.8806

Protanomaly

48.9628, 4.2273, 29.8613

Deuteranomaly

49.3521, 10.7473, 30.5987

Tritanomaly

49.2298, 30.3362, 23.6868

Monochromacy



Original Color

49.4224, 24.3764, 30.8806

Achromatopsia

46.0685, -2.4581, 2.5030

Achromatomaly

46.3484, 3.4731, 18.6622

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 49.4224, 24.3764, 30.8806 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(204, 112, 0)` looks like.

```
.text, #text, p{  
    color:rgb(204, 112, 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(204, 112, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 112, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 49.4224, 24.3764, 30.8806 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(204, 112, 0) }
```


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

```
.border{ border-color:rgb(204, 112, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 112, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 112, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 112, 0);  
box-shadow:4px 4px 4px 4px rgb(204, 112,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 49.4224, 24.3764, 30.8806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 112, 0) }
```

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

```
.background{ background-color: rgb(204,  
112, 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](#).

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