

Converting Colors

HunterLab(62.1170, 12.5661,
38.4962)

Have a look what the booklet for
HunterLab(62.1170, 12.5661,
38.4962) contains.

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Color

**HunterLab(62.1528, 12.2328,
38.5124)**

Conversions

Conversions Part 1

Format	Color
Hex	E09900
RGB	224, 153, 0
RGB Percent	88%, 60%, 0%
CMY	0.1216, 0.4000, 0.9999
CMYK	0.00, 0.32, 1.00, 0.12
HSL	41°, 100%, 44%
HSV	41°, 100%, 88%
XYZ	42.1317, 38.6297, 5.2357
YIQ	156.7870, 91.4290, -32.5310

Conversions

Conversions Part 2

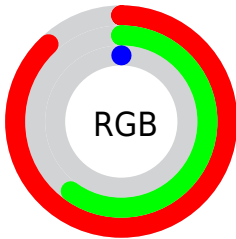
Format	Color
RYB	104, 224, 0
Decimal	14719232
CIELab	68.48, 17.08, 72.93
CIELCh	68, 74.904, 76.816
Yxy	38.6317, 0.4899, 0.4492
Android (android.graphics.Color)	4292909312 (0xFFE09900)
YUV	156.7870, -77.2960, 58.9458
Hunter-Lab	62.1528, 12.2328, 38.5124

Details

The HunterLab color **62.1528, 12.2328, 38.5124** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **31.4472, 34.1307, -112.9829**, and the grayscale version is **58.2593, -3.1086, 3.1653**.

A 20% lighter version of the original color is **81.4908, -0.5433, 45.2300**, and **41.5804, 12.4724, 25.8400** is the 20% darker color. If you saturate the color by 10%, you get **62.1532, 12.2315, 38.5126**, and if you desaturate by 10%, it is **64.0976, 8.9079, 38.9310**.

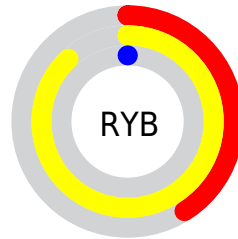
Distribution



Red (88%)

Green (60%)

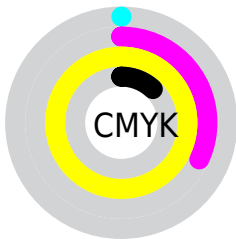
Blue (0%)



Red (41%)

Yellow (88%)

Blue (0%)

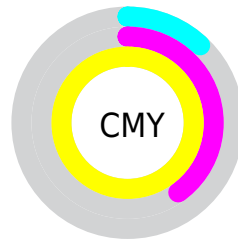


Cyan (0%)

Magenta (32%)

Yellow (100%)

Black (12%)



Cyan (12%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.1528, 12.2328, 38.5124 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 62.1528, 12.2328, 38.5124 by changing the saturation by 10% instead.

62.1528, 12.2328,
38.5124

62.1528, 12.2328,
38.5124

184.4782, 11.9645,
77.3548

51.4522, 11.9425,
33.3368

85.4841, 12.5737,
48.2050

41.4464, 11.5663,
27.9461

98.0456, 12.6456,
52.7659

32.1893, 11.0878,
22.5325

111.1684, 12.6582,
57.1664

23.7472, 10.4895,
16.6231

124.8295, 12.6158,
61.4257

16.2081, 9.7482,
11.3457

139.0084, 12.5222,
65.5606

9.6968, 8.8353,
6.7877

153.6868, 12.3807,

0.0000, INF, NaN

69.5858

0.0000, NaN, NaN

168.8484, 12.1940,
73.5136

0.0000, NaN, NaN

62.1528, 12.2328,
38.5124

62.1528, 12.2328,
38.5124

62.1532, 12.2315,
38.5126

64.0976, 8.9079,
38.9310

66.1423, 5.8737,
38.6508

68.2973, 3.1997,
37.5014

70.5631, 0.9117,
35.4413

72.9382, -0.9786,
32.4630

■ 75.4199, -2.4692,
28.5804

■ 78.0048, -3.5655,
23.8219

■ 80.6889, -4.2776,
18.2245

■ 83.4681, -4.6193,
11.8308

Harmonies

Analogous

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



62.1544, 47.7747, 33.7100



62.1528, 12.2328, 38.5124



62.1544, -21.0465, 38.2555

Triad

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



62.1544, 12.2294, 38.5129



62.1544, -54.1493, -17.3204



62.1544, 51.5998, -55.6352

Complementary

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



62.1528, 12.2328, 38.5124



31.4472, 34.1307, -112.9829

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.



62.1544, 16.6475, -89.8245



62.1528, 12.2328, 38.5124



62.1544, -41.8770, -60.7913

Square

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



62.1544, 12.2294, 38.5129



62.1544, -54.8347, 15.9107



62.1544, -17.4762, -92.0980



62.1544, 73.5724, -12.4562

Rectangle

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



62.1528, 12.2328, 38.5124



62.1544, -37.7045, 35.3375



62.1544, -17.4762, -92.0980



62.1544, 40.6779, -69.3735

Sweetspot

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



62.1544, 12.2294, 38.5129



90.2819, -4.1064, 27.7255



40.4364, 70.4919, 16.4756



41.1742, -1.6739, 13.9618

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.1544, 12.2294, 38.5129



71.8335, 14.4661, 44.5167



79.8961, -34.6612, 48.6245



39.0621, -2.1617, 5.3524



47.6456, 8.9002, 29.5148



13.1617, 1.1987, 8.1311

Inverse Universe

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



31.4472, 34.1307, -112.9829



36.1644, 40.2619, -132.1163



24.0454, 63.5562, -157.9566



37.3481, -1.7705, -1.4452



24.3691, 24.9953, -84.4170



7.5428, 3.8090, -17.6504

Previews

White Background



This preview shows how the HunterLab color 62.1528, 12.2328, 38.5124 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 62.1528, 12.2328, 38.5124 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 62.1528, 12.2328, 38.5124 Background



This preview shows how black text looks on a background with the HunterLab color 62.1528, 12.2328, 38.5124.



This preview shows how white text looks on a background with the HunterLab color 62.1528, 12.2328,

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

62.1528, 12.2328, 38.5124

Protanopia

62.3366, -8.6521, 37.8302

Deuteranopia

62.2843, 4.3471, 38.4554



Tritanopia

62.1569, 30.1549, 10.0818

Trichromacy



Original Color

62.1528, 12.2328, 38.5124

Protanomaly

62.2679, -1.4434, 38.0705

Deuteranomaly

62.2197, 6.9486, 38.4611

Tritanomaly

61.5750, 21.0462, 27.4211

Monochromacy



Original Color

62.1528, 12.2328, 38.5124

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.7544, -1.8202, 24.0058

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.1528, 12.2328, 38.5124 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(224, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(224, 153, 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(224, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 153, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.1528, 12.2328, 38.5124 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(224, 153, 0) }
```


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

```
.border{ border-color:rgb(224, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(224, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(224, 153,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.1528, 12.2328, 38.5124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 153, 0) }
```

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

```
.background{ background-color: rgb(224,  
153, 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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