

Converting Colors

HunterLab(62.7251, -0.4597,
38.6852)

Have a look what the booklet for
HunterLab(62.7251, -0.4597,
38.6852) contains.

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Color

**HunterLab(62.5888, -0.3747,
38.5603)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA300
RGB	205, 163, 0
RGB Percent	80%, 64%, 0%
CMY	0.1961, 0.3608, 0.9999
CMYK	0.00, 0.20, 1.00, 0.20
HSL	48°, 100%, 40%
HSV	48°, 100%, 80%
XYZ	38.2741, 39.1736, 5.5441
YIQ	156.9760, 77.3550, -41.7890

Conversions

Conversions Part 2

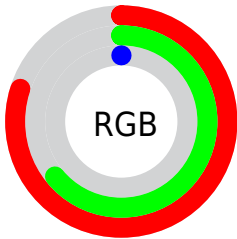
Format	Color
R _Y B	53, 205, 0
Decimal	13476608
CIE Lab	68.88, 3.37, 72.21
CIE LCh	69, 72.288, 87.325
Yxy	39.1755, 0.4612, 0.4720
Android (android.graphics.Color)	4291666688 (0xFFCDA300)
YUV	156.9760, -77.3892, 42.1170
Hunter-Lab	62.5888, -0.3747, 38.5603

Details

The HunterLab color **62.5888, -0.3747, 38.5603** 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 **24.6264, 42.7817, -123.1316**, and the grayscale version is **58.3410, -3.1129, 3.1698**.

A 20% lighter version of the original color is **84.8166, -6.0550, 47.2495**, and **42.0706, 1.2556, 25.9457** is the 20% darker color. If you saturate the color by 10%, you get **62.5893, -0.3760, 38.5606**, and if you desaturate by 10%, it is **63.8312, -2.1849, 38.6568**.

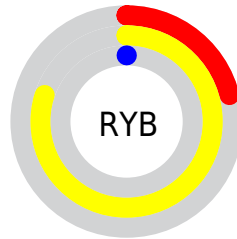
Distribution



Red (80%)

Green (64%)

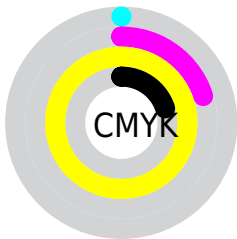
Blue (0%)



Red (21%)

Yellow (80%)

Blue (0%)

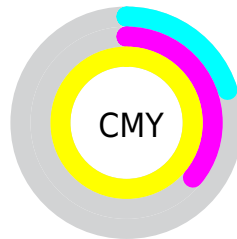


Cyan (0%)

Magenta (20%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 62.5888, -0.3747, 38.5603 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 62.5888, -0.3747, 38.5603 by changing the saturation by 10% instead.

62.5888, -0.3747,
38.5603

62.5888, -0.3747,
38.5603

185.1043, -5.6502,
77.0110

51.8616, 0.0187,
33.4381

85.9688, -1.3011,
48.1506

41.8274, 0.3659,
28.0837

98.5529, -1.8222,
52.6638

32.5397, 0.6585,
22.7778

111.6974, -2.3795,
57.0189

24.0639, 0.8887,
16.8447

125.3793, -2.9712,
61.2351

16.4871, 1.0455,
11.5410

139.5782, -3.5955,
65.3291

9.9321, 1.1108,
6.9525

154.2760, -4.2509,

0.0000, NaN, NaN

69.3151

0.0000, NaN, NaN

169.4564, -4.9362,
73.2056

0.0000, NaN, NaN

62.5888, -0.3747,
38.5603

62.5888, -0.3747,
38.5603

62.5893, -0.3760,
38.5606

63.8312, -2.1849,
38.6568

65.1294, -3.7545,
38.1555

66.4963, -5.0186,
36.8849

67.9354, -5.9515,
34.7875

69.4488, -6.5378,
31.8328

■ 71.0375, -6.7694,
28.0097

■ 72.7013, -6.6442,
23.3212

■ 74.4397, -6.1645,
17.7810

■ 76.2516, -5.3362,
11.4109

Harmonies

Analogous

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



62.5903, 34.3942, 35.7568



62.5888, -0.3747, 38.5603



62.5903, -29.6956, 36.6736

Triad

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



62.5903, -0.3776, 38.5608



62.5903, -50.0230, -30.7825



62.5903, 58.9418, -38.3078

Complementary

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



62.5888, -0.3747, 38.5603



24.6264, 42.7817, -123.1316

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.



62.5903, 28.2508, -76.5514



62.5888, -0.3747, 38.5603



62.5903, -33.8299, -70.8570

Square

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



62.5903, -0.3776, 38.5608



62.5903, -54.6264, 6.1381



62.5903, -6.2542, -90.7744



62.5903, 72.7608, 0.5469

Rectangle

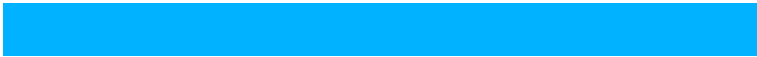
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



62.5888, -0.3747, 38.5603



62.5903, -43.2238, 31.9218



62.5903, -6.2542, -90.7744



62.5903, 49.9832, -52.2887

Sweetspot

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



62.5903, -0.3776, 38.5608



92.9622, -8.5184, 30.1023



36.2829, 62.6431, 19.4905



42.5832, -3.9950, 15.1659

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



62.5903, -0.3776, 38.5608



79.9114, -0.1498, 49.2384



70.6103, -37.9972, 42.8441



35.6246, -2.4612, 5.1335



49.5243, -0.5366, 30.5073



11.6896, -0.8595, 7.1880

Inverse Universe

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



24.6264, 42.7817, -123.1316



31.1408, 56.0672, -159.9563



23.0446, 58.5868, -133.3741



33.4815, -1.0954, -1.6480



19.7118, 32.7936, -95.4301



5.5827, 4.2652, -16.1853

Previews

White Background



This preview shows how the HunterLab color 62.5888, -0.3747, 38.5603 looks on a white background.

Color Contrast Check

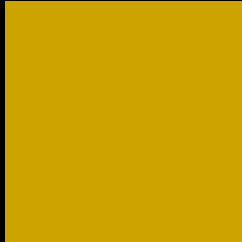
Large Text (above 18pt) WCAG AA × Fail

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 62.5888, -0.3747, 38.5603 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 62.5888, -0.3747, 38.5603 Background



This preview shows how black text looks on a background with the HunterLab color 62.5888, -0.3747, 38.5603.



This preview shows how white text looks on a background with the HunterLab color 62.5888, -0.3747,

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

62.5888, -0.3747, 38.5603

Protanopia

62.7238, -8.8189, 38.2515

Deuteranopia

62.7031, 4.3787, 38.3540



Tritanopia

62.6474, 19.3816, 6.1490

Trichromacy



Original Color

62.5888, -0.3747, 38.5603

Protanomaly

62.6520, -6.0564, 38.3368

Deuteranomaly

62.6170, 2.6424, 38.4131

Tritanomaly

62.0307, 9.3290, 25.8683

Monochromacy



Original Color

62.5888, -0.3747, 38.5603

Achromatopsia

58.0658, -3.0982, 3.1548

Achromatomaly

58.9195, -5.6968, 24.0738

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 62.5888, -0.3747, 38.5603 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(205, 163, 0)` looks like.

```
.text, #text, p{  
    color:rgb(205, 163, 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(205, 163, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 163, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 62.5888, -0.3747, 38.5603 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(205, 163, 0) }
```


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

```
.border{ border-color:rgb(205, 163, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 163, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 163, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 163, 0);  
box-shadow:4px 4px 4px 4px rgb(205, 163,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 62.5888, -0.3747, 38.5603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 163, 0) }
```

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

```
.background{ background-color: rgb(205,  
163, 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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