

Converting Colors

HunterLab(64.5430, 3.7431,
37.4321)

Have a look what the booklet for
HunterLab(64.5430, 3.7431,
37.4321) contains.

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Color

**HunterLab(64.5805, 3.8102,
37.4879)**

Conversions

Conversions Part 1

Format	Color
Hex	D8A52E
RGB	216, 165, 46
RGB Percent	85%, 65%, 18%
CMY	0.1529, 0.3529, 0.8196
CMYK	0.00, 0.24, 0.79, 0.15
HSL	42°, 69%, 51%
HSV	42°, 79%, 85%
XYZ	42.2672, 41.7064, 8.4072
YIQ	166.6830, 68.5950, -26.1970

Conversions

Conversions Part 2

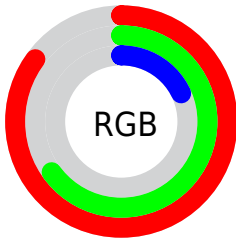
Format	Color
R _Y B	119, 216, 46
Decimal	14198062
CIE Lab	70.67, 8.07, 64.26
CIE LCh	71, 64.768, 82.841
Yxy	41.7085, 0.4575, 0.4515
Android (android.graphics.Color)	4292388142 (0xFFD8A52E)
YUV	166.6830, -59.4967, 43.2510
Hunter-Lab	64.5805, 3.8102, 37.4879

Details

The HunterLab color **64.5805, 3.8102, 37.4879** is a dark color, and the websafe version is hex **CC9900**. The color can be described as middle washed orange. A complement of this color would be **37.5336, 18.9490, -79.1625**, and the grayscale version is **62.2515, -3.3216, 3.3822**.

A 20% lighter version of the original color is **85.6656, -5.7611, 44.1647**, and **43.7065, 4.0825, 27.0032** is the 20% darker color. If you saturate the color by 10%, you get **62.6899, 6.4779, 37.9043**, and if you desaturate by 10%, it is **66.5739, 1.4827, 36.2342**.

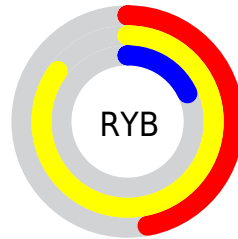
Distribution



Red (85%)

Green (65%)

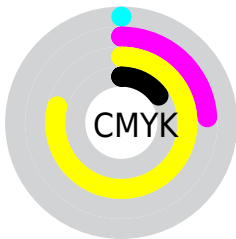
Blue (18%)



Red (47%)

Yellow (85%)

Blue (18%)

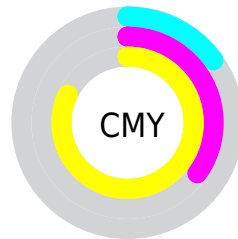


Cyan (0%)

Magenta (24%)

Yellow (79%)

Black (15%)



Cyan (15%)

Magenta (35%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.5805, 3.8102, 37.4879 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 64.5805, 3.8102, 37.4879 by changing the saturation by 10% instead.

64.5805, 3.8102,
37.4879

64.5805, 3.8102,
37.4879

187.9556, 0.2087,
71.9651

53.7337, 3.9742,
32.9069

88.1806, 3.3082,
46.0510

43.5716, 4.0783,
28.0887

100.8669, 2.9855,
50.0842

34.1457, 4.1109,
23.1910

114.1093, 2.6187,
53.9814

25.5189, 4.0604,
17.8632

127.8852, 2.2106,
57.7605

17.7734, 3.9102,
12.4414

142.1748, 1.7636,
61.4365

11.0239, 3.6339,
7.7167

156.9602, 1.2798,

2.7224, 12.7738,

65.0224

1.9057

172.2253, 0.7609,
68.5288

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.5805, 3.8102,
37.4879

■ 64.5805, 3.8102,
37.4879

■ 62.6899, 6.4779,
37.9043

■ 66.5739, 1.4827,
36.2342

■ 60.8907, 9.4400,
37.6074

■ 68.6660, -0.4728,
34.1038

■ 60.6617, 9.8329,
37.5516

■ 70.8575, -2.0491,
31.0897

■ 73.1464, -3.2445,
27.2035

■ 75.5299, -4.0637,

22.4701

■ 78.0047, -4.5159,
16.9232

■ 80.5674, -4.6136,
10.6014

■ 83.2145, -4.3714,
3.5464

■ 85.9422, -3.8054,
-4.1992

Harmonies

Analogous

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



64.5821, 34.7040, 33.5145



64.5805, 3.8102, 37.4879



64.5821, -24.1158, 36.1769

Triad

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



64.5821, 3.8071, 37.4885



64.5821, -48.0248, -21.2676



64.5821, 48.5331, -38.5510

Complementary

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



64.5805, 3.8102, 37.4879



37.5336, 18.9490, -79.1625

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.



64.5821, 20.1945, -69.0590



64.5805, 3.8102, 37.4879



64.5821, -34.3932, -56.3321

Square

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



64.5821, 3.8071, 37.4885



64.5821, -50.8248, 9.9130



64.5821, -10.3990, -76.7220



64.5821, 63.3796, -3.6120

Rectangle

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



64.5805, 3.8102, 37.4879



64.5821, -37.8112, 31.9710



64.5821, -10.3990, -76.7220



64.5821, 40.0488, -50.2063

Sweetspot

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



64.5821, 3.8071, 37.4885



92.4701, -5.2021, 24.2389



41.7328, 61.5015, 10.7242



42.2881, -2.2991, 12.2908

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.5821, 3.8071, 37.4885



74.2983, 9.9989, 45.5877



76.9765, -31.8884, 44.8831



37.2313, -2.1390, 5.1311



46.8807, 7.1708, 29.0132



12.1135, 0.6704, 7.4760

Inverse Universe

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



37.5336, 18.9490, -79.1625



37.6476, 36.8928, -125.1507



29.3560, 50.0517, -112.2442



35.5105, -1.6057, -1.4174



23.0740, 25.6173, -84.1409



6.8187, 3.4200, -15.9055

Previews

White Background



This preview shows how the HunterLab color 64.5805, 3.8102, 37.4879 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 64.5805, 3.8102, 37.4879 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 64.5805, 3.8102, 37.4879 Background



This preview shows how black text looks on a background with the HunterLab color 64.5805, 3.8102, 37.4879.



This preview shows how white text looks on a background with the HunterLab color 64.5805, 3.8102,

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

64.5805, 3.8102, 37.4879

Protanopia

64.7726, -8.8585, 37.1978

Deuteranopia

64.5396, 5.1033, 37.4838



Tritanopia

64.5846, 22.8988, 7.0787

Trichromacy



Original Color

64.5805, 3.8102, 37.4879

Protanomaly

64.7206, -4.5043, 37.3380

Deuteranomaly

64.4204, 4.7041, 37.3990

Tritanomaly

64.2114, 14.2773, 22.8155

Monochromacy



Original Color

64.5805, 3.8102, 37.4879

Achromatopsia

62.1634, -3.3169, 3.3775

Achromatomaly

62.4634, -2.9514, 20.6511

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.5805, 3.8102, 37.4879 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(216, 165, 46)` looks like.

```
.text, #text, p{  
    color:rgb(216, 165, 46)  
}
```

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(216, 165, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 165, 46) }
```

Border

The CSS property to change the border of an element to HunterLab 64.5805, 3.8102, 37.4879 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(216, 165, 46) }
```


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

```
.border{ border-color:rgb(216, 165, 46) }
```

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

Here you see how a box with a 4 pixel rgb(216, 165, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 165, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 165, 46);  
box-shadow:4px 4px 4px 4px rgb(216, 165,  
46) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.5805, 3.8102, 37.4879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 165, 46) }
```

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

```
.background{ background-color: rgb(216,  
165, 46) }
```

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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