

Converting Colors

HunterLab(64.2245, 3.3676,
36.9513)

Have a look what the booklet for
HunterLab(64.2245, 3.3676,
36.9513) contains.

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Color

**HunterLab(64.3647, 3.1205,
37.0392)**

Conversions

Conversions Part 1

Format	Color
Hex	D6A531
RGB	214, 165, 49
RGB Percent	84%, 65%, 19%
CMY	0.1608, 0.3529, 0.8078
CMYK	0.00, 0.23, 0.77, 0.16
HSL	42°, 67%, 52%
HSV	42°, 77%, 84%
XYZ	41.7410, 41.4281, 8.7022
YIQ	166.4270, 66.4400, -25.6880

Conversions

Conversions Part 2

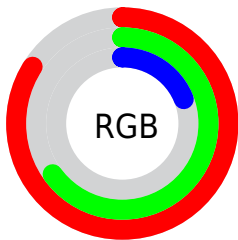
Format	Color
R _Y B	119, 214, 49
Decimal	14066993
CIE Lab	70.48, 7.31, 62.94
CIE LCh	70, 63.368, 83.372
Yxy	41.4302, 0.4543, 0.4509
Android (android.graphics.Color)	4292257073 (0xFFD6A531)
YUV	166.4270, -57.8915, 41.7215
Hunter-Lab	64.3647, 3.1205, 37.0392

Details

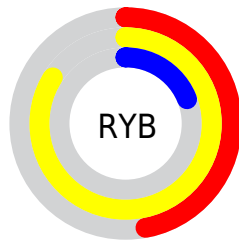
The HunterLab color **64.3647, 3.1205, 37.0392** is a dark color, and the websafe version is hex **CC9933**. The color can be described as middle muted orange. A complement of this color would be **37.7399, 18.0111, -76.3741**, and the grayscale version is **62.1402, -3.3156, 3.3762**.

A 20% lighter version of the original color is **85.7006, -5.5692, 43.6501**, and **43.5926, 3.7029, 26.9264** is the 20% darker color. If you saturate the color by 10%, you get **62.4936, 5.6719, 37.5887**, and if you desaturate by 10%, it is **66.3366, 0.9097, 35.6534**.

Distribution



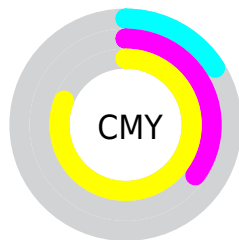
- Red (84%)
- Green (65%)
- Blue (19%)



- Red (47%)
- Yellow (84%)
- Blue (19%)



- Cyan (0%)
- Magenta (23%)
- Yellow (77%)
- Black (16%)



- Cyan (16%)
- Magenta (35%)
- Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 64.3647, 3.1205, 37.0392 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 64.3647, 3.1205, 37.0392 by changing the saturation by 10% instead.

64.3647, 3.1205,
37.0392

64.3647, 3.1205,
37.0392

187.6474, -0.7506,
70.9146

53.5307, 3.3213,
32.5385

87.9412, 2.5504,
45.4495

43.3823, 3.4642,
27.8017

100.6165, 2.1958,
49.4106

33.9713, 3.5382,
22.9451

113.8483, 1.7983,
53.2387

25.3606, 3.5323,
17.7524

127.6141, 1.3606,
56.9515

17.6331, 3.4305,
12.3432

141.8940, 0.8850,
60.5638

10.9043, 3.2074,
7.6330

156.6700, 0.3735,

2.2962, 13.7570,

64.0883

1.6074

171.9260, -0.1722,
67.5355

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 64.3647, 3.1205,
37.0392

■ 64.3647, 3.1205,
37.0392

■ 62.4936, 5.6719,
37.5887

■ 66.3366, 0.9097,
35.6534

■ 60.7146, 8.5318,
37.3874

■ 68.4052, -0.9315,
33.3975

■ 60.2114, 9.3892,
37.2663

■ 70.5710, -2.3973,
30.2674

■ 72.8319, -3.4870,
26.2767

■ 75.1853, -4.2059,

21.4508

■ 77.6280, -4.5637,
15.8236

■ 80.1566, -4.5727,
9.4335

■ 82.7676, -4.2477,
2.3215

■ 85.4575, -3.6044,
-5.4702

Harmonies

Analogous

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



64.3663, 33.2752, 33.1690



64.3647, 3.1205, 37.0392



64.3663, -24.0757, 35.6312

Triad

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



64.3663, 3.1175, 37.0398



64.3663, -47.0000, -21.2571



64.3663, 47.6348, -36.7987

Complementary

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



64.3647, 3.1205, 37.0392



37.7399, 18.0111, -76.3741

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.



64.3663, 20.1802, -66.5724



64.3647, 3.1205, 37.0392



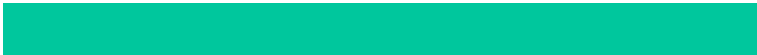
64.3663, -33.4103, -55.1670

Square

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



64.3663, 3.1175, 37.0398



64.3663, -49.9446, 9.3237



64.3663, -9.7410, -74.4684



64.3663, 61.7536, -2.9164

Rectangle

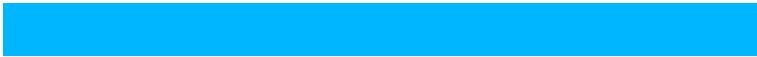
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3647, 3.1205, 37.0392



64.3663, -37.3942, 31.3433



64.3663, -9.7410, -74.4684



64.3663, 39.4493, -48.1328

Sweetspot

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



64.3663, 3.1175, 37.0398



92.8272, -5.3494, 23.6159



41.6946, 59.9989, 10.1331



42.4486, -2.3796, 12.0366

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



64.3663, 3.1175, 37.0398



74.7168, 9.2646, 45.7533



76.2485, -31.2326, 44.1773



37.2401, -2.1535, 5.1405



47.0132, 6.9236, 29.0905



12.1413, 0.6213, 7.4923

Inverse Universe

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



37.7399, 18.0111, -76.3741



37.9089, 36.3482, -123.9720



29.7422, 48.2733, -107.6477



35.5018, -1.5911, -1.4283



22.9758, 25.8958, -84.6192



6.7941, 3.4746, -15.9927

Previews

White Background



This preview shows how the HunterLab color 64.3647, 3.1205, 37.0392 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 64.3647, 3.1205, 37.0392 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 64.3647, 3.1205, 37.0392 Background



This preview shows how black text looks on a background with the HunterLab color 64.3647, 3.1205, 37.0392.



This preview shows how white text looks on a background with the HunterLab color 64.3647, 3.1205,

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

64.3647, 3.1205, 37.0392

Protanopia

64.4946, -8.2771, 36.7171

Deuteranopia

64.4394, 4.8058, 37.1179



Tritanopia

64.3381, 22.1409, 6.7867

Trichromacy



Original Color

64.3647, 3.1205, 37.0392

Protanomaly

64.3407, -4.2938, 36.7905

Deuteranomaly

64.3208, 4.4079, 37.0329

Tritanomaly

63.9874, 13.5977, 22.3035

Monochromacy



Original Color

64.3647, 3.1205, 37.0392

Achromatopsia

61.7516, -3.2949, 3.3551

Achromatomaly

62.2654, -3.6401, 20.4605

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 64.3647, 3.1205, 37.0392 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(214, 165, 49)` looks like.

```
.text, #text, p{  
    color:rgb(214, 165, 49)  
}
```

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(214, 165, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 165, 49) }
```

Border

The CSS property to change the border of an element to HunterLab 64.3647, 3.1205, 37.0392 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(214, 165, 49) }
```


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

```
.border{ border-color:rgb(214, 165, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 165, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 165, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 165, 49);  
box-shadow:4px 4px 4px 4px rgb(214, 165,  
49) }
```

Background

The CSS property to change the background color of an element to HunterLab 64.3647, 3.1205, 37.0392 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 165, 49) }
```

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

```
.background{ background-color: rgb(214,  
165, 49) }
```

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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