

Converting Colors

HunterLab(67.6470, -5.6264,
43.5258)

Have a look what the booklet for
HunterLab(67.6470, -5.6264,
43.5258) contains.

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Color

**HunterLab(67.7036, -4.9231,
41.6325)**

Conversions

Conversions Part 1

Format	Color
Hex	D4B200
RGB	212, 178, 0
RGB Percent	83%, 70%, 0%
CMY	0.1686, 0.3019, 0.9999
CMYK	0.00, 0.16, 1.00, 0.17
HSL	50°, 100%, 42%
HSV	50°, 100%, 83%
XYZ	43.0717, 45.8378, 6.5774
YIQ	167.8740, 77.4020, -48.1500

Conversions

Conversions Part 2

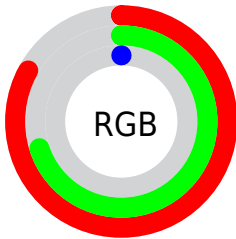
Format	Color
RYB	40, 212, 0
Decimal	13939200
CIELab	73.44, -1.47, 75.73
CIELCh	73, 75.746, 91.113
Yxy	45.8400, 0.4511, 0.4800
Android (android.graphics.Color)	4292129280 (0xFFD4B200)
YUV	167.8740, -82.7619, 38.6985
Hunter-Lab	67.7036, -4.9231, 41.6325

Details

The HunterLab color **67.7036, -4.9231, 41.6325** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **24.2861, 49.0500, -136.2378**, and the grayscale version is **62.8336, -3.3526, 3.4139**.

A 20% lighter version of the original color is **89.5081, -13.3997, 49.8927**, and **46.4727, -2.9341, 28.5849** is the 20% darker color. If you saturate the color by 10%, you get **67.7044, -4.9249, 41.6329**, and if you desaturate by 10%, it is **68.7493, -6.3430, 41.6310**.

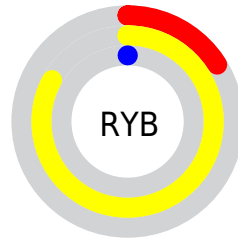
Distribution



Red (83%)

Green (70%)

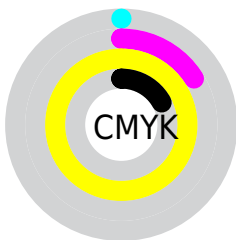
Blue (0%)



Red (16%)

Yellow (83%)

Blue (0%)

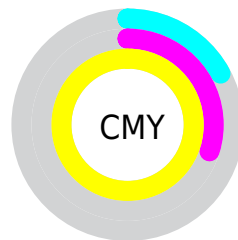


Cyan (0%)

Magenta (16%)

Yellow (100%)

Black (17%)



Cyan (17%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 67.7036, -4.9231, 41.6325 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 67.7036, -4.9231, 41.6325 by changing the saturation by 10% instead.

67.7036, -4.9231,
41.6325

67.7036, -4.9231,
41.6325

192.3967,
-12.1349, 81.1777

56.6741, -4.2609,
36.4023

91.6403, -6.3445,
51.4557

46.3172, -3.6267,
30.9384

104.4832, -7.0956,
56.0908

36.6816, -3.0249,
25.6771

117.8756, -7.8734,
60.5695

27.8261, -2.4571,
19.4782

131.7958, -8.6770,
64.9099

19.8264, -1.9245,
13.8785

146.2245, -9.5057,
69.1282

12.7866, -1.4286,
8.9506

161.1445,

6.1726, -1.3681,

-10.3586, 73.2378

4.3208

176.5400,
-11.2353, 77.2509

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 67.7036, -4.9231,
41.6325

■ 67.7036, -4.9231,
41.6325

■ 67.7044, -4.9249,
41.6329

■ 68.7493, -6.3430,
41.6310

■ 69.8451, -7.5192,
41.0138

■ 71.0046, -8.3851,
39.6034

■ 72.2326, -8.9114,
37.3304

■ 73.5321, -9.0792,

34.1530

■ 74.9050, -8.8771,
30.0493

■ 76.3524, -8.2995,
25.0124

■ 77.8744, -7.3460,
19.0477

■ 79.4709, -6.0200,
12.1701

Harmonies

Analogous

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



67.7052, 32.2945, 39.3022



67.7036, -4.9231, 41.6325



67.7052, -35.1699, 38.8891

Triad

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



67.7052, -4.9260, 41.6330



67.7052, -52.3790, -38.7568



67.7052, 66.4483, -35.3958

Complementary

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



67.7036, -4.9231, 41.6325



24.2861, 49.0500, -136.2378

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.



67.7052, 35.0412, -77.8964



67.7036, -4.9231, 41.6325



67.7052, -33.3180, -80.4373

Square

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



67.7052, -4.9260, 41.6330



67.7052, -58.8827, 2.4226



67.7052, -2.2964, -97.5103



67.7052, 78.2454, 4.9242

Rectangle

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



67.7036, -4.9231, 41.6325



67.7052, -48.6686, 32.9327



67.7052, -2.2964, -97.5103



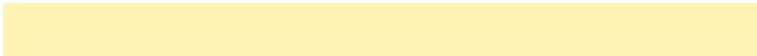
67.7052, 57.5557, -50.4986

Sweetspot

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



67.7052, -4.9260, 41.6330



94.0402, -10.2591, 31.0460



37.5775, 64.6786, 21.7357



43.1511, -4.9099, 15.6446

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



67.7052, -4.9260, 41.6330



83.3115, -5.8558, 51.2336



72.6491, -42.1590, 44.0276



37.6364, -2.8070, 5.5604



53.3125, -4.0594, 32.7798



13.4432, -1.5636, 8.2563

Inverse Universe

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



24.2861, 49.0500, -136.2378



29.6621, 61.4616, -169.7529



24.6601, 61.5026, -133.4832



35.1100, -0.9332, -1.9179



19.3307, 37.6193, -105.3710



5.7263, 6.1245, -20.3784

Previews

White Background



This preview shows how the HunterLab color 67.7036, -4.9231, 41.6325 looks on a white background.

Color Contrast Check

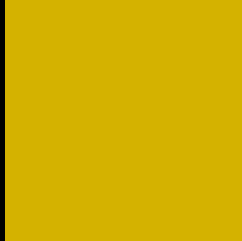
Large Text (above 18pt) WCAG AA × Fail

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 67.7036, -4.9231, 41.6325 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 67.7036, -4.9231, 41.6325 Background



This preview shows how black text looks on a background with the HunterLab color 67.7036, -4.9231, 41.6325.

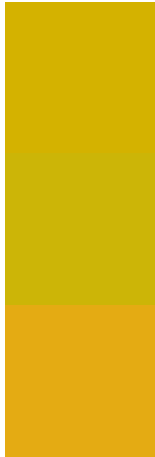


This preview shows how white text looks on a background with the HunterLab color 67.7036, -4.9231,

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

67.7036, -4.9231, 41.6325

Protanopia

67.7499, -9.3173, 41.4081

Deuteranopia

67.5772, 5.0292, 41.1883



Tritanopia

67.5679, 18.1126, 4.9928

Trichromacy



Original Color

67.7036, -4.9231, 41.6325

Protanomaly

67.7618, -7.7474, 41.5184

Deuteranomaly

67.6966, 1.0467, 41.4280

Tritanomaly

66.9680, 6.1333, 27.5411

Monochromacy



Original Color

67.7036, -4.9231, 41.6325

Achromatopsia

62.5758, -3.3389, 3.3999

Achromatomaly

63.8412, -7.7848, 26.2840

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 67.7036, -4.9231, 41.6325 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(212, 178, 0)` looks like.

```
.text, #text, p{  
    color:rgb(212, 178, 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(212, 178, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 178, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 67.7036, -4.9231, 41.6325 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(212, 178, 0) }
```


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

```
.border{ border-color:rgb(212, 178, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 178, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 178, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 178, 0);  
box-shadow:4px 4px 4px 4px rgb(212, 178,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 67.7036, -4.9231, 41.6325 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 178, 0) }
```

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

```
.background{ background-color: rgb(212,  
178, 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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