

Converting Colors

HunterLab(68.9011, -4.6254,
41.1373)

Have a look what the booklet for
HunterLab(68.9011, -4.6254,
41.1373) contains.

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Color

**HunterLab(68.9961, -4.7822,
41.1949)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B521
RGB	215, 181, 33
RGB Percent	84%, 71%, 13%
CMY	0.1569, 0.2902, 0.8706
CMYK	0.00, 0.16, 0.85, 0.16
HSL	49°, 73%, 49%
HSV	49°, 85%, 84%
XYZ	44.8227, 47.6046, 8.2651
YIQ	174.2940, 67.7720, -38.8200

Conversions

Conversions Part 2

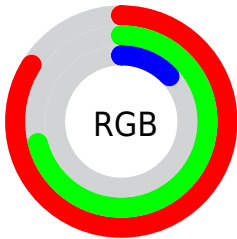
Format	Color
RYB	75, 215, 33
Decimal	14136609
CIELab	74.58, -1.23, 71.48
CIELCh	75, 71.491, 90.983
Yxy	47.6069, 0.4451, 0.4728
Android (android.graphics.Color)	4292326689 (0xFFD7B521)
YUV	174.2940, -69.6579, 35.6992
Hunter-Lab	68.9961, -4.7822, 41.1949

Details

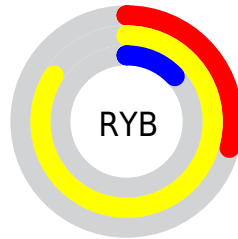
The HunterLab color **68.9961, -4.7822, 41.1949** is a dark color, and the websafe version is hex **FFCC33**. The color can be described as middle washed orange. A complement of this color would be **30.4042, 34.2708, -106.0332**, and the grayscale version is **65.4429, -3.4919, 3.5556**.

A 20% lighter version of the original color is **90.5865, -14.1762, 48.6397**, and **47.7163, -2.8484, 29.3527** is the 20% darker color. If you saturate the color by 10%, you get **67.7589, -3.1736, 41.4064**, and if you desaturate by 10%, it is **70.3030, -6.0950, 40.2174**.

Distribution



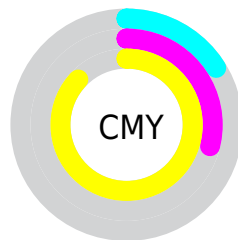
- Red (84%)
- Green (71%)
- Blue (13%)



- Red (29%)
- Yellow (84%)
- Blue (13%)



- Cyan (0%)
- Magenta (16%)
- Yellow (85%)
- Black (16%)



- Cyan (16%)
- Magenta (29%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.9961, -4.7822, 41.1949 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 68.9961, -4.7822, 41.1949 by changing the saturation by 10% instead.

68.9961, -4.7822,
41.1949

68.9961, -4.7822,
41.1949

194.2246,
-11.9292, 78.6237

57.8928, -4.1291,
36.2487

93.0693, -6.1869,
50.4752

47.4571, -3.5048,
31.0686

105.9756, -6.9303,
54.8553

37.7370, -2.9137,
25.8255

119.4290, -7.7007,
59.0901

28.7895, -2.3575,
20.1526

133.4078, -8.4973,
63.1972

20.6882, -1.8383,
14.4817

147.8932, -9.3191,
67.1921

13.5329, -1.3579,
9.4730

162.8678,

7.1178, -1.1311,

-10.1655, 71.0875

4.9824

178.3163,
-11.0357, 74.8948

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.9961, -4.7822,
41.1949

■ 68.9961, -4.7822,
41.1949

■ 67.7589, -3.1736,
41.4064

■ 70.3030, -6.0950,
40.2174

■ 67.1154, -2.2302,
41.3172

■ 71.6800, -7.0678,
38.3884

■ 73.1321, -7.6814,
35.6596

■ 74.6613, -7.9224,
32.0058

■ 76.2682, -7.7845,

27.4193

■ 77.9531, -7.2668,
21.9059

■ 79.7154, -6.3727,
15.4816

■ 81.5539, -5.1090,
8.1704

■ 83.4675, -3.4852,
0.0020

Harmonies

Analogous

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



68.9978, 30.3607, 38.6929



68.9961, -4.7822, 41.1949



68.9978, -33.7671, 38.3105

Triad

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



68.9978, -4.7852, 41.1954



68.9978, -50.6148, -35.7398



68.9978, 62.0354, -32.9945

Complementary

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



68.9961, -4.7822, 41.1949



30.4042, 34.2708, -106.0332

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.



68.9978, 32.6378, -71.9656



68.9961, -4.7822, 41.1949



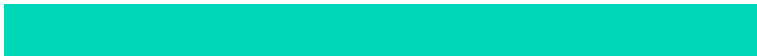
68.9978, -32.1898, -74.0122

Square

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



68.9978, -4.7852, 41.1954



68.9978, -56.9291, 2.6979



68.9978, -2.5784, -89.6767



68.9978, 73.1030, 4.7971

Rectangle

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



68.9961, -4.7822, 41.1949



68.9978, -46.8779, 32.2346



68.9978, -2.5784, -89.6767



68.9978, 53.7245, -46.9214

Sweetspot

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



68.9978, -4.7852, 41.1954



94.4400, -8.8655, 27.0029



39.9623, 62.5264, 17.2675



43.3527, -4.2245, 13.6388

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.9978, -4.7852, 41.1954



81.2803, -2.4752, 50.0412



74.9836, -38.0179, 44.4008



37.5595, -2.6808, 5.4792



52.0464, -1.9604, 32.0364



13.1840, -1.1455, 8.1039

Inverse Universe

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



30.4042, 34.2708, -106.0332



30.5021, 58.3480, -164.0817



28.3723, 56.0237, -115.8827



35.1856, -1.0607, -1.8230



19.9069, 35.5565, -101.6382



5.9395, 5.5456, -19.3952

Previews

White Background



This preview shows how the HunterLab color 68.9961, -4.7822, 41.1949 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 68.9961, -4.7822, 41.1949 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 68.9961, -4.7822, 41.1949 Background



This preview shows how black text looks on a background with the HunterLab color 68.9961, -4.7822, 41.1949.



This preview shows how white text looks on a background with the HunterLab color 68.9961, -4.7822,

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

68.9961, -4.7822, 41.1949

Protanopia

69.0376, -9.2200, 41.0795

Deuteranopia

68.8437, 5.0811, 41.0028



Tritanopia

68.8106, 18.0907, 5.0500

Trichromacy



Original Color

68.9961, -4.7822, 41.1949

Protanomaly

69.0537, -7.6219, 41.1177

Deuteranomaly

68.9777, 1.1532, 41.0893

Tritanomaly

68.4044, 7.0952, 24.8713

Monochromacy



Original Color

68.9961, -4.7822, 41.1949

Achromatopsia

65.0590, -3.4714, 3.5348

Achromatomaly

66.1008, -6.8938, 23.8022

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.9961, -4.7822, 41.1949 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(215, 181, 33)` looks like.

```
.text, #text, p{  
    color:rgb(215, 181, 33)  
}
```

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(215, 181, 33) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 181, 33) }
```

Border

The CSS property to change the border of an element to HunterLab 68.9961, -4.7822, 41.1949 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(215, 181, 33) }
```


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

```
.border{ border-color:rgb(215, 181, 33) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 181, 33)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 181, 33); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 181, 33);  
box-shadow:4px 4px 4px 4px rgb(215, 181,  
33) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.9961, -4.7822, 41.1949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 181, 33) }
```

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

```
.background{ background-color: rgb(215,  
181, 33) }
```

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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