

Converting Colors

HunterLab(68.3403, -4.0871,
42.0549)

Have a look what the booklet for
HunterLab(68.3403, -4.0871,
42.0549) contains.

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Color

**HunterLab(68.3281, -4.2514,
42.0290)**

Conversions

Conversions Part 1

Format	Color
Hex	D7B300
RGB	215, 179, 0
RGB Percent	84%, 70%, 0%
CMY	0.1569, 0.2980, 0.9999
CMYK	0.00, 0.17, 1.00, 0.16
HSL	50°, 100%, 42%
HSV	50°, 100%, 84%
XYZ	44.1445, 46.6873, 6.6849
YIQ	169.3580, 78.9150, -48.0370

Conversions

Conversions Part 2

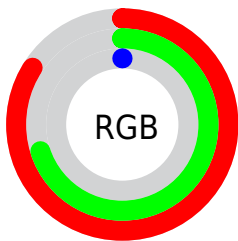
Format	Color
R _Y B	43, 215, 0
Decimal	14136064
CIE Lab	73.99, -0.68, 76.25
CIE LCh	74, 76.256, 90.508
Yxy	46.6896, 0.4527, 0.4788
Android (android.graphics.Color)	4292326144 (0xFFD7B300)
YUV	169.3580, -83.4935, 40.0280
Hunter-Lab	68.3281, -4.2514, 42.0290

Details

The HunterLab color **68.3281, -4.2514, 42.0290** 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 **24.8373, 49.2236, -137.3012**, and the grayscale version is **63.4494, -3.3855, 3.4473**.

A 20% lighter version of the original color is **89.8247, -13.8945, 50.0968**, and **47.0609, -2.2989, 28.9585** is the 20% darker color. If you saturate the color by 10%, you get **68.3288, -4.2530, 42.0294**, and if you desaturate by 10%, it is **69.4316, -5.7734, 42.0547**.

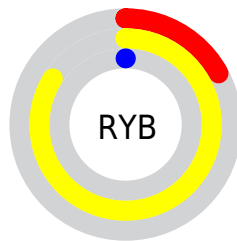
Distribution



Red (84%)

Green (70%)

Blue (0%)



Red (17%)

Yellow (84%)

Blue (0%)

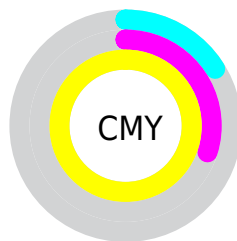


Cyan (0%)

Magenta (17%)

Yellow (100%)

Black (16%)



Cyan (16%)

Magenta (30%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the HunterLab color 68.3281, -4.2514, 42.0290 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 68.3281, -4.2514, 42.0290 by changing the saturation by 10% instead.

68.3281, -4.2514,
42.0290

68.3281, -4.2514,
42.0290

193.2806,
-11.1794, 81.7498

57.2628, -3.6286,
36.7801

92.3310, -5.6004,
51.8913

46.8678, -3.0364,
31.2983

105.2046, -6.3178,
56.5462

37.1911, -2.4798,
26.0338

118.6265, -7.0633,
61.0448

28.2910, -1.9612,
19.8037

132.5751, -7.8358,
65.4051

20.2420, -1.4835,
14.1694

147.0313, -8.6345,
69.6429

13.1460, -1.0501,
9.2022

161.9778, -9.4585,

6.6468, -0.7980,

73.7720

4.6528

177.3989,
-10.3070, 77.8042

0.0000, NaN, NaN

0.0000, NaN, NaN

■ 68.3281, -4.2514,
42.0290

■ 68.3281, -4.2514,
42.0290

■ 68.3288, -4.2530,
42.0294

■ 69.4316, -5.7734,
42.0547

■ 70.5874, -7.0457,
41.4510

■ 71.8091, -8.0012,
40.0392

■ 73.1014, -8.6105,
37.7500

■ 74.4674, -8.8545,

34.5421

■ 75.9087, -8.7222,
30.3947

■ 77.4263, -8.2085,
25.3024

■ 79.0203, -7.3132,
19.2722

■ 80.6904, -6.0403,
12.3205

Harmonies

Analogous

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



68.3298, 33.3727, 39.5665



68.3281, -4.2514, 42.0290



68.3298, -35.0098, 39.3764

Triad

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



68.3298, -4.2544, 42.0295



68.3298, -53.1415, -38.2214



68.3298, 66.6266, -36.6722

Complementary

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



68.3281, -4.2514, 42.0290



24.8373, 49.2236, -137.3012

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.



68.3298, 34.6386, -79.3929



68.3281, -4.2514, 42.0290



68.3298, -34.1565, -80.5643

Square

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



68.3298, -4.2544, 42.0295



68.3298, -59.4586, 3.1405



68.3298, -3.0426, -98.5170



68.3298, 79.0398, 4.2932

Rectangle

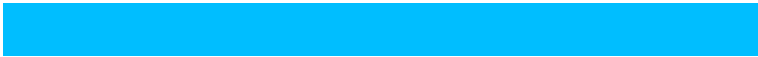
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



68.3281, -4.2514, 42.0290



68.3298, -48.8124, 33.5010



68.3298, -3.0426, -98.5170



68.3298, 57.5227, -51.9201

Sweetspot

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



68.3298, -4.2544, 42.0295



93.8685, -9.9831, 30.8962



38.2057, 65.8165, 21.6570



43.0606, -4.7649, 15.5686

0.0000, NaN, NaN



46.2646, -2.4686, 2.5136

Same Dimension

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



68.3298, -4.2544, 42.0295



82.7648, -4.9538, 50.9126



74.0246, -41.9647, 44.8785



37.6158, -2.7733, 5.5387



52.9718, -3.4994, 32.5797



13.3736, -1.4520, 8.2153

Inverse Universe

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



24.8373, 49.2236, -137.3012



29.8757, 60.6570, -168.2832



24.7772, 62.2282, -137.4829



35.1302, -0.9674, -1.8925



19.4783, 37.0822, -104.3959



5.7841, 5.9647, -20.1057

Previews

White Background



This preview shows how the HunterLab color 68.3281, -4.2514, 42.0290 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 68.3281, -4.2514, 42.0290 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 68.3281, -4.2514, 42.0290 Background



This preview shows how black text looks on a background with the HunterLab color 68.3281, -4.2514, 42.0290.



This preview shows how white text looks on a background with the HunterLab color 68.3281, -4.2514,

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

68.3281, -4.2514, 42.0290

Protanopia

68.4570, -9.8839, 41.8109

Deuteranopia

68.3792, 4.8395, 41.6855



Tritanopia

68.2163, 18.8454, 5.2973

Trichromacy



Original Color

68.3281, -4.2514, 42.0290

Protanomaly

68.5727, -7.9402, 41.9910

Deuteranomaly

68.3330, 1.7481, 41.8353

Tritanomaly

67.6113, 6.8706, 27.8218

Monochromacy



Original Color

68.3281, -4.2514, 42.0290

Achromatopsia

62.9885, -3.3609, 3.4223

Achromatomaly

64.3498, -7.4811, 26.4493

CSS Examples

Text

The CSS property to change the color of the text to HunterLab 68.3281, -4.2514, 42.0290 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, 179, 0)` looks like.

```
.text, #text, p{  
    color:rgb(215, 179, 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(215, 179, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 179, 0) }
```

Border

The CSS property to change the border of an element to HunterLab 68.3281, -4.2514, 42.0290 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, 179, 0) }
```


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

```
.border{ border-color:rgb(215, 179, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 179, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 179, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 179, 0);  
box-shadow:4px 4px 4px 4px rgb(215, 179,  
0) }
```

Background

The CSS property to change the background color of an element to HunterLab 68.3281, -4.2514, 42.0290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 179, 0) }
```

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

```
.background{ background-color: rgb(215,  
179, 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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